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RANDOM SAMPLING METHODS

BUREAU OF CEYLON STANDARDS

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This Standard does not purport to include all the necessary provisions of a contract.

SRI LANKA STANDARD
ON RANDOM SAMPLING METHODS

FOREWORD

This Sri Lanka Standard was authorized for adoption and publication by the Council of the Bureau of Ceylon Standards on 1977-06-22. This is an adoption of JIS Z 9031:1956 and its adoption as a Sri Lanka Standard was recommended by the Drafting Committee on Statistics and Quality Control of the Bureau.

With greater recognition of the importance of statistical techniques in quality control work, it has become necessary to introduce more and more statistical techniques in quality control work and also to facilitate the application of the techniques which are already in use.

Sampling is of fundamental importance for estimating the quality of a lot for ascertaining its conformity to the requirements of a specification. The economy, reliability and practicability of the sampling procedures have made them almost indispensable in most of the industrial and trade applications. However, the reliability of the conclusions drawn on the basis of the sample depends on its representativeness and the method of its selection. Since this vital aspect of sampling has not received wide attention, it was felt desirable to lay down the basic procedures for the selection of a random sample under diverse situations. It is hoped that the sampling methods laid down in this standard, when implemented, would ensure a truly random and representative sample leading to sound and satisfactory estimation of quality.

This is one of a series of standards on statistics and quality control prepared by the Drafting Committee on Statistics and Quality Control. The other in the series being,

SLS 421 Statistical vocabulary and symbols

SLS 427 Sampling procedures and tables for inspection by attributes

1 SCOPE

This standard covers the methods of conducting random sampling.

2 HOW TO MAKE A SEQUENCE OF RANDOM NUMBERS

2.1 Method of using a table of random numbers

The following method shall be used to make a sequence of random numbers using the accompanying table of random numbers (see Note).

NOTE - A table of random numbers is a random sequence of numbers from 0 to 9. Any other table besides the one shown here, if made in a logical manner and statistically tested, may be used instead. The following procedure may be applied in such a case also.

2.1.1 *Determine the starting point at random*

Take a pencil and drop it with the eyes closed on any page of the table, and the 3 successive numbers read off from the number nearest to the point hit shall be the row number (000 in this case shall be regarded as 1000). The column number shall be determined by dropping the pencil again and taking the nearest number to the point hit (Since 10 sets of 4 numbers each are included in a row, these sets are numbered 1 to 9 and 0 from the left, and the left-end number of the set chosen shall be the starting point).

EXAMPLE :

A page was opened which turned out to be Table 2, but when a pencil was dropped with the eyes closed it dropped between two numbers, so a trial was made again. This time the pencil dropped closest to 0 and the 3 successive numbers were 047, so the 47th row is chosen. The pencil was dropped again and hit 9, so the 9th column is chosen. In other words, the left end of 73, 53, which is on the 47th row and 9th column of Table 2 becomes the starting point.

2.1.2 *Read off the original sequence of random numbers*

When either 1 or 2 digit numbers are necessary, the numbers are read off from left to right, moving on to the left end of the next row when the right end is reached.

When 3 or more digit numbers are necessary, the numbers are read off from top to bottom, moving on to the next column of the same page when the bottom end is reached. The last of the 4 numbers in a set is neglected when only 3 digits are necessary.

Move on to the top-left corner of the next page when the bottom-right corner is reached. Return to the first page when the last page is reached.

EXAMPLES :

1 In the case an original sequence of random numbers with 2 digits is needed, if we start from the left end of Row 47 Column 9 according to the example in **2.1.1**, the numbers become 73, 53, 35, 90 (and moving on to the next row) 38, 51, ...

2 In the case an original sequence of random numbers with 3 digits is needed, if we also start from the left end of Row 47 Column 9, we obtain 735, 468, 723, 562, (and moving on to the next column) 696, 840, ...

2.1.3 *Transform the sequence into that of a given range*

When the necessary range of the random numbers is 1 to N, one of the following transformations is made according to the value of N.

a) When $N \leq 10$

Take an original sequence of random numbers with 1 digit, and read the numbers off neglecting those exceeding N, 0 is regarded as 10.

b) When $11 \leq N \leq 20$

Take an original sequence of random numbers with 2 digits, substitute each number with the remainder obtained in dividing by 20, and read them off neglecting those exceeding N, 0 is regarded as 20.

c) When $21 \leq N \leq 50$

Take an original sequence of random numbers with 2 digits, substitute each number with the remainder obtained in dividing by 50, and read them off neglecting those exceeding N, 0 is regarded as 50.

d) When $51 \leq N \leq 100$

Take an original sequence of random numbers with 2 digits, and read them off neglecting those exceeding N, 00 is regarded as 100.

e) When N exceeds 100

A similar procedure as above is followed.

For example: if $101 \leq N \leq 200$, an original sequence of random numbers with 3 digits is taken and each number is substituted with the remainder obtained in dividing by 200, and if $201 \leq N \leq 500$, each number is substituted with the remainder obtained in dividing by 500, while if $501 \leq N \leq 1000$ the numbers are unchanged, thus obtaining transformations similar to b), c) and d) respectively.

NOTE - When each random number is needed only one, only those appearing first are retained.

EXAMPLES :

1 In order to make a sequence of random numbers of the range 1 to 30, take, for example, the following original sequence of random numbers with 2 digits obtained in Example 1 of **2.1.2**

73, 53, 35, 90, 38, 51, 64, 06, 53, 30, 50, 06, ...,

substitute each number with the remainder obtained in dividing by 50,

23, 3, 35, 40, 38, 1, 14, 6, 3, 30, 0, 6, ...,

and neglecting those above 30, we read off

23, 3, ---, ---, ---, 1, 14, 6, 3, 30, ---, 6, ...

The sequence of random numbers 23, 3, 1, 14, 6, 3, 30, 6, ... is thus obtained. If we eliminate the random numbers appearing more than once, it becomes 23, 3, 1, 14, 6, 30, ...

2 In order to make a sequence of random numbers of the range 1 to 155, take, for example, the following original sequence of random numbers with 3 digits obtained in Example 2 of **2.1.2**

735, 468, 723, 562, 696, 840, ...,

substitute each number with the reminder obtained in dividing by 200,

135, 68, 123, 162, 96, 40, ...,

and neglecting those exceeding 155, we read off

135, 68, 123, ..., 96, 40, ...,

we thus obtain the sequence of random numbers 135, 68, 123, 96, 40, ...

2.2 Methods other than the use of a table of random numbers

Other methods of making an original sequence of random numbers besides the use of a table of random numbers include the use of random numbers generated by such random mechanisms as dice, a rotary wheel with a numbered dial, lottery type chips, and so forth. The procedure explained in **2.1.3** may be followed without change in this case also.

3 RANDOM SAMPLING

3.1 Simple random sampling

In order to rake a sample of size *n* from a lot of size *N* at random, either of the following two methods is used according to circumstances.

3.1.1 *Method 1*

This method may be used in all cases.

a) Number the *N* articles from 1 to *N*.

NOTE - These numbers need not be actually stamped on the articles so long as they are made apparent. For instance, the N articles may be arranged in a row so as to make it easy to tell the order of the articles.

b) Make a sequence of random numbers of the range 1 to *N* according to **2.1**, and choose the first *n* random numbers eliminating any repetition of numbers.

c) Sample the articles corresponding to the numbers chosen.

EXAMPLE :

In order to sample 6 articles from among 30 articles, make a sequence of random numbers of the range 1 to 30 according to **2.1.3** and choose the first 6 random numbers after eliminating any repetition.

If the sequence happens to be 23, 3, 1, 14, 6, 30 as in Example 1 of **2.1.3**, the 23rd, 3rd, 1st, 14th, 6th and the 30th article are sampled.

NOTE - This method may also be applied to such cases as nails in a barrel, or a shipment of ore, by determining a suitable sampling unit and utilizing the fact that they may be rearranged in a row by transferring.

3.1.2 *Method 2*

This method may be used when *N* articles are placed in a container such as a box in a definite arrangement, and the operation of sampling *n* articles is repeatedly carried out.

a) Sampling cards are made beforehand. That is, a number of cards are prepared which have lines and numbers written down on them resembling the arrangement of the articles within the box, and circles are marked on the cards according to either of the following methods :

1) When the number of combinations

$$ {}_{N}C_{n} = \frac{N(N-1) \ldots\ldots (N-n+1)}{1.2 \ldots\ldots n} $$

is small, circles are marked on ${}_{N}C_{n}$ cards so as to represent every combination.

2) When the number of combinations ${}_{N}C_{n}$ is large, a sequence of random numbers of the range 1 to N is made according to 2.1, the first n random numbers eliminating any repetitions are chosen, and circles are drawn on the card around these numbers. This is repeated so as to make 100 or more cards.

EXAMPLES :

i) When $n = 2$ articles are to be drawn from $N = 20$ articles arranged as in Fig. 1

$$ {}_{20}C_{2} = \frac{20 \times 19}{1 \times 2} = 190 $$

so 190 cards like those in Fig. 2 are prepared, and letting each card correspond to the combinations

(1, 2) (1, 3) (1, 4) ..... (1, 20)
(2, 3) (2, 4) ..... (2, 20)
.....
.....
(19, 20)

a circle is drawn around each corresponding number as in Fig. 3.

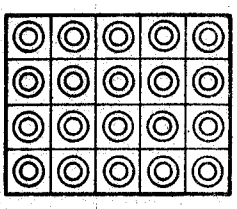

FIGURE 1

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

FIGURE 2

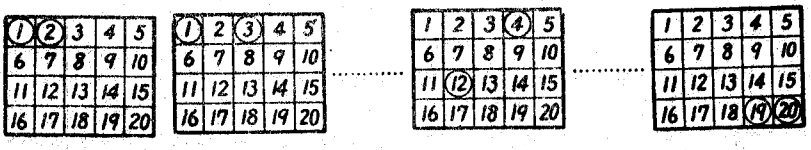

FIGURE 3

ii) When $n = 3$ articles are to be taken from $N = 20$ articles arranged as in Fig. 1, the number of combinations

$$_{20}C_3 = \frac{20 \times 19 \times 18}{1 \times 2 \times 3} = 1140$$

is too large so that method 2) should be employed.

100 or more such cards as in Fig. 2 are prepared, a sequence of random numbers of the range 1 to 20 made eliminating any repetitions, and the first 3 random numbers are chosen. This is repeated to make cards such as in Fig. 4.

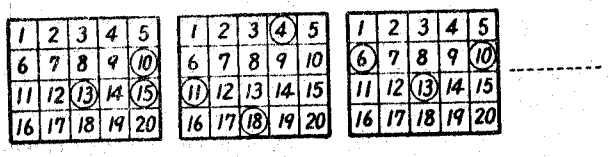

FIGURE 4

b) One card is picked at random from among such cards.

c) Articles corresponding to the circled numbers of the card drawn are sampled.

NOTE - This method may be applied to such cases as when a portion of steel sheets or paper of definite size is to be sampled.

3.2 Systematic sampling

The following procedure is employed in order to sample n articles with equal intervals from among N articles arranged in a row.

a) Number the articles from 1 to N.

b) The integer portion k of the value obtained by dividing N by n is taken as the sampling interval.

c) A number between 1 to k is chosen at random.

d) Starting from the article corresponding to the chosen number every k^{th} article is sampled. Then the total number of articles sampled will become either n or $n + 1$. When it becomes $n + 1$ and it is definitely necessary that the number of articles should be n, 1 article is excluded at random.

EXAMPLE :

In order to sample 10 articles from among 128 systematically, $\frac{128}{10} = 12.8$, so the sampling interval $k = 12$. If 6 was the number chosen at random among 1 to 12, articles corresponding to

6
6 + 12 = 18
18 + 12 = 30
30 + 12 = 42
.....
.....
114 + 12 = 126

are sampled.

In this case 11 articles will be sampled. If it is definitely necessary that only 10 are sampled, a new number is chosen at random from among 1 to 11, and if this happens to be 2, the 18th article is withdrawn from the sample.

NOTES :

1 This method may also be applied to such cases as nails in a barrel, or a shipment of ore, by determining a suitable sampling unit and utilizing the fact that they may be rearranged in a row by transferring.

2 Systematic sampling is not recommended when a periodic variation is expected.

REFERENCE :

The methods explained in 3.1 or 3.2 may be applied to random sampling included as an element of two-stage, multistage or stratified sampling.

4 RANDOM ARRANGEMENT

Either of the following three methods shall be employed to rearrange the order of N articles at random.

4.1 Method 1

a) Number the N articles from 1 to N.

b) A sequence of random numbers with a large enough number of digits (see Note) is made and the first N numbers eliminating any repetition are chosen.

NOTE - *2 digits for* $N \leq 20$

3 digits for $21 \leq N \leq 100$

4 digits for $101 \leq N \leq 1000$

.....

will be sufficient.

c) Number the random numbers chosen in (b) according to the order of magnitude and arrange the articles in the order of the numbers.

EXAMPLE :

If N = 12 articles are to be arranged at random, first number the articles from 1 to 12, then pick put from among an original sequence of 2-digit random numbers.

73, 53, 35, 90, 38, 51, 64, 06, 30, 50, (06), 84, 55, ...

12 different numbers (up to 55). If these are numbered according to the order of magnitude, they become

10, 7, 3, 12, 4, 6, 9, 1, 2, 5, ---, 11, 8

so the articles are arranged in this order.

4.2 Method 2

a) Sample 1 article at random from among N articles and place it first.

b) Sample 1 article at random from the remaining N to 1 articles and place it second.

c) Repeat this process until there is no remainder.

4.3 Method 3

a) Number the *N* articles from 1 to *N*.

b) Make a sequence of random numbers of the range 1 to *N* eliminating any repetition according to 2.1 until every number from 1 to *N* turns up.

c) Arrange the articles according to the order of the numbers obtained in b).

NOTE - The methods explained in 4 may be applied to such cases as the randomization process in the design of experiments.

Table of random numbers (1 to 40)

This table includes a total of 40000 numbers arranged in the following manner :

Number of pages	40	Number of numerals per page	1000
Total number of rows	40	Number of numerals per row	40

The row numbers, numbered continuously from 1 to 1000, are shown on the left-hand margin. 25 rows are included in a page.

10 sets of 4 numbers each constitute a row, so 25 rows and 10 columns constitute a page (each column is numbered 1, 2, ..., 10 from the left).

The grouping within the rows are for the ease of rading the numbers off and has no real meaning.

Table of Random Numbers 1

1	67	11	09	48	96	29	94	59	84	41	68	38	04	13	86	91	02	19	85	28
2	67	41	90	15	23	62	54	49	02	06	93	25	55	49	06	96	52	31	40	59
3	78	26	74	41	76	43	35	32	07	59	86	92	06	45	95	25	10	94	20	44
4	32	19	10	89	41	50	09	06	16	28	87	51	38	88	43	13	77	46	77	53
5	45	72	14	75	08	16	48	99	17	64	62	80	58	20	57	37	16	94	72	62
6	74	93	17	80	38	45	17	17	73	11	99	43	52	38	78	21	82	03	78	27
7	54	32	82	40	74	47	94	68	61	71	48	87	17	45	15	07	43	24	82	16
8	34	18	43	76	96	49	68	55	22	20	78	08	74	28	25	29	29	79	18	33
9	04	70	61	78	89	70	52	36	26	04	13	70	60	50	24	72	84	57	00	49
10	38	69	83	65	75	38	85	58	51	23	22	91	13	54	24	25	58	20	02	83
11	05	89	66	75	80	83	75	71	64	62	17	55	03	30	03	86	34	96	35	93
12	97	11	78	69	79	79	06	98	73	35	29	06	91	56	12	23	06	04	69	67
13	23	04	34	39	70	34	62	30	91	00	09	66	42	03	55	48	78	18	24	02
14	32	88	65	68	80	00	66	49	22	70	90	18	88	22	10	49	46	51	46	12
15	67	33	08	69	09	12	32	93	06	22	97	71	78	47	21	29	70	29	73	60
16	81	87	77	79	39	86	35	90	84	17	83	19	21	21	49	16	05	71	21	60
17	77	53	75	79	16	52	57	36	76	20	59	46	50	05	85	07	47	06	64	27
18	57	89	89	98	26	10	16	44	68	89	71	33	78	48	44	89	27	04	09	74
19	25	67	87	71	50	46	84	98	62	41	85	51	29	07	12	35	97	77	01	81
20	50	51	45	14	61	58	79	12	88	21	09	02	60	91	20	80	18	67	36	15
21	30	88	39	88	37	27	98	23	00	56	46	67	14	88	18	19	97	78	47	20
22	60	49	39	06	59	20	04	44	52	40	23	22	51	96	84	22	14	97	48	08
23	36	45	19	52	10	42	83	86	78	87	30	00	39	04	30	38	06	92	41	51
24	45	71	08	61	71	33	00	87	82	21	35	63	46	07	03	56	48	94	36	04
25	69	63	12	03	07	91	34	05	01	27	51	94	90	01	10	22	41	50	50	56

Table of Random Numbers 2

26	41	82	06	87	49	22	16	34	03	13	20	02	31	13	03	92	86	49	69	69
27	09	85	92	32	12	06	34	50	72	04	08	76	61	95	04	84	93	09	84	05
28	57	71	05	35	47	59	65	38	38	41	57	91	61	96	87	63	24	45	17	72
29	82	06	47	67	53	22	36	49	68	86	87	04	18	80	66	96	57	53	88	83
30	17	95	30	06	64	99	33	89	27	84	65	47	78	11	01	86	61	05	05	28
31	70	55	98	92	19	44	85	86	65	73	69	73	75	41	78	51	05	57	36	33
32	97	93	30	87	84	49	28	29	77	84	31	09	35	59	41	39	71	46	53	57
33	31	55	49	69	17	12	22	20	41	50	45	63	52	13	46	20	70	72	30	57
34	30	92	80	82	37	16	01	46	81	22	48	80	55	77	99	11	30	14	65	29
35	98	05	49	50	04	94	71	34	12	49	85	82	82	67	17	38	22	86	15	93
36	00	86	28	06	39	03	29	04	84	41	20	84	01	97	53	50	90	12	94	67
37	74	76	84	09	68	33	73	25	97	71	65	34	72	55	62	50	50	59	01	93
38	63	84	36	95	80	28	36	19	26	50	72	55	80	54	55	68	58	94	96	50
39	48	12	39	00	88	05	86	29	37	96	18	85	07	95	37	06	78	96	32	89
40	20	60	42	30	95	71	77	03	14	88	81	15	91	68	38	07	45	47	37	75
41	13	21	96	10	43	46	00	95	62	09	45	43	87	40	08	00	12	35	35	06
42	12	84	54	72	35	75	88	47	75	20	21	27	73	48	33	69	10	13	77	36
43	57	38	76	05	12	35	29	61	10	48	02	65	25	40	61	54	13	54	59	37
44	25	18	75	82	11	89	13	90	53	66	56	26	38	89	04	79	76	22	82	53
45	10	88	94	70	76	54	45	07	71	24	53	48	10	01	51	99	93	52	12	68
46	78	44	49	86	29	82	12	44	11	54	32	54	68	28	52	27	75	44	22	50
47	99	33	67	75	86	16	90	53	40	48	15	12	01	10	79	58	73	53	35	90
48	38	51	64	06	53	30	50	06	84	55	91	70	48	46	52	37	46	83	58	78
49	45	96	10	96	24	02	17	29	31	14	10	86	37	20	92	79	72	32	84	57
50	75	40	42	25	66	84	22	05	61	93	56	61	62	02	55	31	56	20	99	07

Table of Random Numbers 3

51	44	34	50	25	64	98	77	00	43	82	56	81	92	95	36	82	70	01	39	71
52	37	20	32	93	09	52	68	41	07	06	57	67	92	47	73	43	27	00	10	46
53	59	95	93	91	01	41	50	86	55	84	98	50	51	63	45	43	12	37	17	27
54	94	04	52	59	11	73	72	76	56	97	85	58	25	28	05	94	53	22	40	67
55	63	51	33	98	85	47	17	83	06	64	88	17	88	47	12	25	60	03	42	55
56	26	34	31	20	29	64	09	10	43	42	07	09	01	63	70	14	43	84	33	40
57	09	92	63	10	33	91	02	01	83	43	80	55	70	41	47	35	55	44	64	59
58	28	02	42	96	81	30	91	36	68	33	82	15	64	34	22	04	53	40	60	62
59	79	71	66	94	03	40	26	94	55	89	68	64	71	89	29	59	40	59	20	91
60	68	95	13	66	61	68	13	12	77	95	67	57	52	34	34	89	38	91	84	62
61	58	17	80	37	20	22	39	70	13	39	40	97	24	62	13	67	15	02	02	77
62	37	40	55	69	70	64	41	89	55	25	92	31	76	49	68	85	66	14	09	95
63	28	44	48	78	89	31	73	29	50	70	37	28	79	90	68	46	18	78	33	39
64	73	87	07	23	79	29	91	98	00	80	92	17	01	30	26	68	00	83	04	67
65	01	31	76	04	71	41	30	01	59	14	45	52	05	25	00	75	25	59	25	86
66	02	37	94	45	81	96	91	49	47	80	85	31	27	48	30	81	69	66	45	36
67	71	89	09	37	98	27	71	78	43	92	90	24	68	78	00	16	68	43	80	96
68	30	69	59	11	66	26	89	13	06	08	78	14	90	52	84	18	94	98	45	75
69	51	21	78	40	48	65	62	09	65	58	75	92	87	15	25	37	69	55	35	69
70	21	20	96	73	07	73	10	46	61	14	56	69	80	16	62	62	94	31	76	07
71	02	47	24	60	70	97	41	96	61	60	30	67	37	89	40	03	00	94	70	25
72	95	25	35	42	64	42	41	25	34	74	60	36	80	24	35	39	38	00	22	86
73	98	85	01	42	72	94	81	74	11	66	56	01	19	97	49	18	01	04	91	88
74	02	25	46	36	85	82	55	23	49	62	73	69	66	58	47	58	30	76	03	15
75	69	25	29	29	91	93	31	65	43	92	58	07	25	64	11	54	65	69	55	16

Table of Random Numbers 4

76	43	51	01	71	74	66	61	32	20	08	37	55	43	16	41	01	71	11	44	88
77	29	30	05	54	29	50	54	87	35	45	69	69	94	67	89	66	25	38	13	36
78	88	11	54	97	33	76	53	86	04	11	89	27	09	43	29	68	96	11	35	44
79	92	31	68	87	08	91	20	81	02	67	67	97	20	65	33	16	09	38	27	76
80	52	20	37	47	96	98	53	49	23	16	60	88	42	67	46	52	80	29	63	41
81	63	68	81	12	65	75	77	46	01	77	95	85	25	74	82	19	68	58	77	93
82	09	81	14	75	10	96	99	15	70	03	27	87	54	98	82	82	86	97	42	37
83	32	07	65	74	58	46	20	14	11	66	23	50	94	03	57	60	14	86	96	68
84	04	63	48	98	66	52	21	59	05	61	08	22	10	19	97	17	37	51	39	54
85	90	67	52	22	52	08	51	60	01	06	78	01	80	38	30	61	75	32	66	60
86	89	70	69	73	66	28	74	41	55	89	33	34	34	54	07	82	71	03	62	76
87	46	25	32	28	38	05	50	46	69	77	58	52	33	69	35	58	01	67	12	23
88	14	43	01	84	47	35	32	59	90	29	59	26	85	23	10	25	64	15	00	15
89	65	05	31	62	40	57	40	22	44	63	46	69	27	78	11	09	92	21	74	41
90	62	97	72	57	04	93	34	35	93	07	65	71	71	59	58	95	85	46	32	44
91	00	33	26	81	26	44	20	62	66	76	78	19	59	72	83	31	11	16	35	63
92	49	11	59	58	02	78	37	49	68	94	34	54	71	70	43	67	02	89	76	81
93	99	52	66	19	26	77	18	44	65	73	64	53	82	34	41	24	91	05	69	87
94	68	41	27	52	08	82	25	80	19	55	55	68	62	25	25	28	97	40	16	13
95	27	65	13	74	19	88	99	02	23	56	17	24	39	27	71	01	27	32	91	20
96	63	73	88	02	45	78	51	38	06	90	14	95	29	65	07	53	06	89	28	92
97	46	18	83	17	24	16	15	29	73	10	42	54	47	08	76	78	32	38	73	94
98	48	31	92	47	67	53	54	23	98	83	61	26	29	52	41	20	05	31	63	70
99	22	90	24	75	75	39	70	50	88	22	61	91	73	34	66	15	98	59	23	12
100	57	78	78	46	23	82	16	50	08	13	67	00	90	82	06	04	92	31	95	91

Table of Random Numbers 5

101	01	16	40	55	80	94	88	73	24	94	23	20	10	86	33	14	86	24	48	81
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104	87	02	32	43	04	15	81	90	46	09	37	21	34	12	26	46	35	69	90	95
105	34	00	74	49	67	48	93	30	65	64	97	77	01	02	20	93	72	23	22	64
106	37	51	62	45	50	39	76	84	64	91	23	98	41	30	61	32	91	67	20	40
107	27	01	33	79	19	75	76	14	68	54	81	77	67	86	51	04	73	45	70	52
108	83	65	65	83	09	60	87	51	24	76	01	37	00	29	03	31	31	67	86	74
109	17	88	16	98	75	74	44	29	83	35	79	40	27	86	96	77	46	48	11	21
110	95	15	90	92	56	31	42	45	82	39	62	99	29	86	31	32	31	15	11	80
111	49	68	05	14	81	42	89	32	08	06	14	17	16	12	28	37	64	08	28	51
112	43	78	91	92	09	75	59	35	49	83	45	75	73	32	15	74	42	39	79	45
113	20	61	73	15	10	78	08	22	35	33	77	41	72	38	42	14	74	50	69	68
114	63	14	77	30	47	17	17	32	49	58	67	83	33	96	78	48	62	51	35	27
115	38	69	63	90	45	33	49	20	32	30	06	29	02	21	71	34	68	01	83	53
116	56	33	34	49	32	64	56	05	62	06	29	67	63	70	14	22	21	13	97	84
117	27	92	94	83	15	71	14	99	66	65	18	56	69	64	47	00	29	35	38	80
118	97	32	42	89	89	30	14	62	74	91	76	83	37	70	22	19	24	13	32	05
119	22	40	72	30	06	85	60	80	41	59	40	14	74	68	86	31	63	09	97	97
120	18	16	99	16	23	32	31	47	79	91	92	73	66	58	83	18	25	55	82	42
121	99	38	91	31	43	21	32	55	29	46	80	14	11	63	49	60	62	28	31	97
122	84	32	96	36	04	31	81	45	76	63	15	92	37	82	03	16	23	60	33	04
123	39	97	67	49	95	09	88	40	66	85	06	32	09	45	80	60	18	09	92	57
124	20	92	84	09	47	30	62	36	05	55	32	80	88	22	97	36	97	45	33	29
125	06	02	23	83	41	35	06	35	87	41	73	08	14	31	83	06	91	02	39	23

126	87	54	91	30	32	39	84	41	74	68	50	13	74	33	07	31	64	67	57	86
127	08	14	35	09	76	50	83	72	30	03	35	48	55	44	43	47	67	06	83	95
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129	30	60	81	01	88	80	08	12	97	34	33	33	27	87	83	54	40	36	60	33
130	00	11	04	18	10	93	06	75	46	62	07	18	19	25	04	96	53	58	93	31
131	31	10	53	75	44	42	65	24	84	88	11	64	46	59	14	44	32	74	85	99
132	25	07	66	12	58	98	52	83	74	23	64	83	84	80	12	93	28	15	63	29
133	07	12	52	48	79	83	48	62	37	13	67	88	16	62	62	21	14	54	44	60
134	05	53	16	97	72	54	47	01	49	33	85	84	59	54	72	12	52	71	97	60
135	96	75	89	52	09	62	77	88	15	94	07	85	79	33	98	33	08	09	13	80
136	32	19	56	55	15	98	09	83	49	33	73	25	95	31	11	85	46	95	22	66
137	74	64	19	24	14	56	76	29	84	64	93	67	10	18	17	88	91	32	11	69
138	31	64	54	35	32	99	71	16	49	79	89	45	20	48	30	28	31	53	38	49
139	56	92	94	13	57	21	07	14	28	83	70	52	56	72	52	82	71	07	69	09
140	28	64	08	46	33	27	78	32	55	90	98	44	83	87	99	95	17	78	83	34
141	10	97	10	07	38	99	48	23	12	63	57	43	65	53	99	29	95	64	88	99
142	48	67	52	92	33	43	95	09	06	94	64	83	25	91	32	54	22	61	81	19
143	87	13	17	11	16	76	04	27	36	43	16	43	08	51	52	38	08	97	47	39
144	04	51	55	77	27	94	17	35	50	73	75	14	38	49	50	71	81	09	66	96
145	35	17	51	07	38	80	83	03	93	82	42	66	48	31	55	77	87	01	26	16
146	16	46	18	59	30	05	70	40	32	24	79	41	93	03	98	19	50	87	02	65
147	67	55	52	30	75	32	48	25	59	19	75	36	62	76	87	53	26	39	38	66
148	67	65	61	42	75	05	50	45	66	98	86	63	06	98	01	05	50	91	04	66
149	20	07	24	15	25	32	15	75	40	85	51	85	55	17	27	89	52	18	54	03
150	77	62	78	88	62	44	30	07	44	68	02	44	01	64	56	13	35	03	96	00

151	11	69	76	81	09	02	29	58	87	30	66	86	31	39	44	13	76	99	30	96
152	07	60	84	31	46	64	50	86	03	11	47	60	72	30	57	69	35	21	86	59
153	22	81	35	89	76	50	33	74	59	05	37	15	49	47	29	98	64	80	81	85
154	53	98	06	88	31	21	38	42	72	59	27	39	83	65	23	35	09	36	50	86
155	73	26	87	73	21	71	60	00	31	61	30	41	61	64	62	64	53	86	39	09
156	91	39	64	16	71	98	66	57	95	43	27	13	22	37	48	21	10	41	71	20
157	11	19	91	17	69	23	63	88	89	56	80	99	72	41	75	52	22	65	78	66
158	62	58	24	91	50	98	62	94	60	02	75	01	04	45	04	50	03	61	92	53
159	67	44	67	65	38	67	87	48	17	58	31	92	04	10	56	29	92	85	18	52
160	33	11	26	26	62	75	33	16	86	23	83	84	52	16	09	24	23	81	82	32
161	31	88	14	21	78	50	54	32	19	90	76	58	23	32	09	48	83	33	60	83
162	56	43	31	16	00	63	64	10	97	39	52	09	79	28	47	02	04	14	76	60
163	96	54	86	11	32	75	74	60	33	10	25	18	15	19	33	17	55	81	30	36
164	50	44	61	77	39	88	81	64	50	67	86	58	10	05	47	24	79	75	28	31
165	95	36	20	58	45	64	45	94	99	18	98	02	52	19	11	66	82	69	74	24
166	57	25	20	62	88	21	61	47	93	01	58	82	98	42	05	82	19	25	81	29
167	72	38	77	13	82	40	62	01	66	07	60	45	29	00	85	70	42	13	35	90
168	49	58	24	38	02	33	83	29	60	93	94	88	14	01	10	43	25	98	28	35
169	74	12	63	03	79	61	53	34	03	66	59	57	15	52	96	61	24	01	82	86
170	05	65	35	61	42	26	25	25	02	01	62	02	44	76	22	72	96	95	05	73
171	76	11	70	67	23	85	65	85	75	24	14	73	22	29	35	70	84	96	00	67
172	69	53	84	73	86	93	07	07	88	86	22	08	93	74	00	98	71	32	35	37
173	33	32	78	84	29	66	51	64	57	66	64	66	92	23	71	68	30	54	98	45
174	86	52	98	50	20	21	45	70	06	88	97	68	59	96	85	91	24	76	25	04
175	10	26	80	07	58	54	37	87	28	06	79	03	17	56	09	25	88	22	13	89

176	85	00	02	66	59	41	29	73	09	07	26	55	76	96	47	22	04	42	49	32
177	85	49	57	41	72	70	97	93	30	34	65	79	08	71	99	90	66	83	06	18
178	44	56	79	18	85	99	24	56	73	06	09	49	10	22	60	69	15	75	29	12
179	70	65	14	54	80	92	58	65	23	34	53	18	35	20	73	25	61	42	93	76
180	68	83	00	40	71	46	98	11	93	22	23	50	11	92	59	79	25	40	95	84
181	32	88	54	69	62	95	37	98	06	58	06	96	42	71	10	95	78	73	15	18
182	15	08	87	44	34	38	92	44	47	64	86	43	02	13	13	34	64	22	93	90
183	69	65	18	70	17	64	40	34	39	10	96	62	87	85	06	22	09	49	98	63
184	23	44	51	42	48	06	39	54	32	13	13	19	31	62	85	63	65	04	45	77
185	64	15	34	25	39	47	41	64	62	32	23	92	85	99	83	44	68	33	86	30
186	91	53	89	61	95	62	67	33	64	10	39	04	24	92	69	66	57	10	04	25
187	93	85	34	29	92	68	06	61	34	09	47	94	03	62	19	69	67	32	34	80
188	42	60	96	86	00	91	45	42	43	36	16	99	94	58	22	12	50	76	38	10
189	59	76	09	13	18	91	14	63	46	52	38	22	67	51	54	46	26	04	71	32
190	42	15	19	04	12	79	07	22	12	46	53	12	69	50	06	44	03	02	88	52
191	01	28	45	92	24	32	10	53	88	93	92	78	99	21	03	46	96	99	48	62
192	76	55	84	72	34	55	01	22	40	50	25	02	67	37	17	06	30	44	22	64
193	13	48	14	00	72	29	43	00	93	66	81	38	41	10	22	55	28	44	61	41
194	33	66	59	98	89	84	06	99	01	68	36	54	27	72	86	73	04	86	15	74
195	56	63	16	15	59	44	85	37	86	32	85	66	27	84	67	88	34	73	45	76
196	81	67	91	34	22	46	08	74	81	25	64	91	38	97	14	54	71	20	09	27
197	01	00	39	24	40	23	92	68	87	12	08	77	88	62	41	68	34	48	34	20
198	42	00	70	81	46	29	28	62	64	11	20	00	76	15	34	94	23	18	27	85
199	97	83	47	06	93	11	15	43	70	86	28	14	51	47	39	87	22	83	83	13
200	25	52	68	36	30	98	56	29	52	10	39	08	73	93	22	61	24	06	39	96

201	37	36	21	59	64	76	06	18	43	99	01	07	38	03	92	83	23	76	70	54
202	55	84	48	50	02	93	48	88	63	31	13	40	21	42	28	36	27	83	05	48
203	30	19	45	29	69	30	59	68	50	69	20	51	15	75	35	67	54	55	23	66
204	79	63	32	30	49	69	45	71	89	92	88	36	98	36	38	92	63	96	03	19
205	85	67	43	60	62	50	09	94	15	69	87	87	16	43	05	49	30	51	75	00
206	09	22	35	31	56	95	60	52	23	24	94	60	84	96	78	18	94	21	96	30
207	48	47	73	71	09	99	07	14	76	51	11	95	94	66	08	84	29	26	59	31
208	77	84	13	12	27	13	95	16	92	22	89	32	94	60	08	80	49	37	89	79
209	95	44	68	13	48	21	98	05	44	85	23	61	31	43	18	06	89	63	83	64
210	32	70	19	30	78	17	00	00	75	93	23	71	52	93	18	73	84	00	04	24
211	55	01	25	64	01	28	56	67	17	72	30	33	62	31	54	05	54	64	64	69
212	42	42	35	18	85	82	21	43	14	76	73	27	44	06	01	16	94	04	93	39
213	00	65	26	15	89	32	64	31	18	77	36	35	31	18	34	43	25	89	29	61
214	53	42	53	86	21	52	22	62	48	94	41	94	06	68	76	67	39	71	66	58
215	22	32	48	72	98	22	98	74	08	65	18	20	00	36	84	82	96	64	28	23
216	39	08	41	01	25	84	42	50	27	44	61	39	33	83	93	72	68	13	50	63
217	50	04	40	54	65	05	30	64	90	98	21	96	48	36	40	04	23	10	22	78
218	41	44	76	00	79	58	11	10	59	27	64	88	84	14	30	51	61	03	59	09
219	26	73	19	51	07	26	38	71	30	04	28	22	53	42	92	91	61	82	33	21
220	00	06	47	81	19	58	92	12	90	88	28	80	60	04	03	53	70	99	87	53
221	47	48	17	04	75	98	22	44	33	99	71	76	29	44	59	39	82	41	74	36
222	78	73	38	68	58	41	36	90	08	76	46	67	83	60	34	96	31	08	86	41
223	76	39	46	00	93	72	42	32	97	24	45	37	67	00	61	04	12	62	61	94
224	69	89	07	21	51	19	70	02	35	72	26	50	56	15	75	72	20	32	58	01
225	49	65	26	12	41	02	74	62	82	85	80	29	83	73	48	27	61	39	09	88

Table of Random Numbers 10

226	97	15	71	74	55	63	77	77	33	41	95	39	13	44	79	78	66	14	26	62
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228	41	43	15	67	31	11	46	98	62	52	92	15	10	17	52	50	96	46	91	43
229	70	03	43	50	10	32	09	98	79	92	75	50	66	80	52	78	50	06	74	50
230	60	43	80	65	72	39	97	64	81	36	47	80	34	57	57	61	78	39	90	15
231	12	11	71	19	24	93	25	92	60	49	54	29	90	08	88	19	66	10	53	78
232	86	71	30	67	40	70	93	02	48	34	06	52	77	51	31	79	28	54	17	21
233	15	78	71	81	62	97	74	74	90	84	91	48	03	18	06	90	56	16	62	79
234	43	83	38	80	63	34	87	51	59	19	54	24	09	89	61	34	87	33	23	44
235	07	67	02	51	56	71	08	09	78	15	53	94	31	39	28	42	07	90	32	92
236	11	80	72	70	61	49	55	61	94	34	76	00	25	40	03	12	10	07	90	53
237	62	15	18	72	92	79	15	11	97	46	75	41	06	24	35	89	32	07	87	12
238	96	27	92	40	42	83	93	11	77	46	37	11	08	33	52	77	18	23	92	57
239	50	12	92	66	85	23	89	79	43	96	15	34	84	91	95	65	63	17	42	09
240	31	83	65	72	74	80	27	05	50	81	73	08	63	21	86	19	47	73	79	58
241	14	95	11	18	47	80	25	21	05	50	07	63	53	68	33	60	99	70	05	91
242	43	02	78	16	49	09	50	89	06	98	81	18	05	60	31	30	92	57	91	80
243	47	74	58	33	67	08	46	58	35	19	62	44	14	83	16	12	36	93	75	41
244	50	41	59	76	96	18	34	80	99	89	40	58	23	15	01	23	69	08	13	31
245	38	08	11	63	81	06	12	29	55	05	32	57	40	30	04	47	57	24	40	33
246	03	16	09	92	39	75	39	66	10	58	96	17	89	56	29	81	32	43	56	55
247	15	42	89	44	58	57	00	78	49	23	79	53	89	34	39	66	59	74	18	02
248	39	30	45	92	44	12	23	65	16	87	41	60	64	82	68	65	53	69	93	55
249	74	60	45	30	25	47	50	38	87	59	69	81	11	93	38	89	27	47	38	50
250	93	70	48	76	77	09	40	45	20	74	51	53	52	05	51	80	18	58	82	47

251	35	33	63	63	92	99	80	45	35	95	66	45	94	00	35	54	09	09	72	34
252	79	64	56	35	16	80	88	97	09	84	29	92	70	06	18	47	13	48	09	91
253	40	19	39	44	37	40	51	45	19	73	57	60	33	76	85	08	23	51	01	75
254	40	69	52	56	64	15	76	96	86	14	86	48	39	32	55	03	07	89	43	53
255	95	80	78	75	48	47	82	00	41	80	50	54	40	22	98	96	56	00	86	54
256	64	11	16	13	27	30	52	49	39	60	24	12	60	29	40	13	18	02	44	68
257	96	14	08	37	96	82	59	19	39	11	39	56	59	84	55	76	12	72	24	77
258	18	61	88	38	92	44	85	88	83	51	18	78	66	34	59	03	80	96	80	62
259	03	23	25	63	25	54	97	53	12	90	98	37	47	66	84	25	23	29	44	05
260	06	97	61	89	42	74	63	70	11	82	72	13	19	89	19	13	43	29	02	20
261	33	14	39	77	66	42	89	21	23	70	07	24	79	41	20	15	20	02	19	20
262	07	90	63	55	63	03	68	48	39	98	77	66	24	68	86	97	45	16	40	50
263	04	93	65	66	64	75	21	40	22	23	07	62	52	66	92	09	27	84	86	41
264	78	79	84	66	90	58	64	85	39	06	33	01	34	37	60	34	72	95	34	65
265	50	25	56	93	79	53	64	15	13	41	88	41	31	66	73	17	71	64	03	51
266	17	18	52	32	15	64	90	46	72	05	21	18	43	18	47	54	04	19	93	43
267	54	87	67	14	54	73	95	82	72	27	63	49	22	90	60	88	36	60	93	43
268	32	49	31	58	56	35	18	42	46	10	44	18	31	96	31	10	19	25	41	38
269	89	55	39	59	11	15	48	55	47	06	15	85	20	37	05	43	09	46	87	03
270	90	16	72	32	85	14	68	40	04	18	39	99	72	74	50	75	79	57	35	28
271	23	02	01	12	07	18	38	03	67	75	54	03	34	72	08	04	16	86	47	26
272	22	30	60	17	96	90	20	67	74	53	86	21	90	78	87	26	65	56	94	15
273	94	72	94	43	13	88	93	00	64	74	58	47	85	38	86	97	71	64	10	03
274	35	30	94	02	42	68	27	83	28	90	36	92	15	93	00	41	50	18	70	63
275	55	34	94	07	25	01	21	08	64	60	61	81	14	45	71	65	45	72	31	66

276	43	63	40	25	53	76	44	50	65	98	22	11	25	03	51	64	65	36	03	37
277	13	68	26	03	92	11	21	40	17	96	68	84	42	87	45	89	86	69	67	52
278	17	68	72	33	50	43	17	90	48	73	39	13	94	72	84	25	24	17	32	20
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281	54	10	92	27	15	18	70	16	77	82	11	09	93	10	51	04	36	47	43	15
282	17	13	78	92	16	08	33	61	56	61	90	86	84	72	03	72	20	63	73	46
283	54	39	45	20	29	64	51	17	05	00	73	85	42	04	94	72	89	60	94	47
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285	78	90	73	97	41	21	48	21	39	69	71	52	18	74	41	06	50	62	52	32
286	95	23	34	48	21	65	44	49	23	37	93	64	85	87	41	57	11	52	31	62
287	13	50	82	77	03	20	59	29	98	86	84	65	28	27	87	39	03	33	35	42
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290	90	83	43	37	17	84	73	88	55	27	09	34	61	08	25	28	40	05	74	24
291	10	19	54	24	44	96	89	10	72	65	60	06	69	79	48	15	48	36	39	49
292	89	08	93	40	37	46	56	13	47	85	97	34	07	12	58	54	03	65	89	84
293	46	04	70	74	85	82	80	75	09	75	02	01	66	08	83	28	78	89	62	63
294	94	11	04	39	44	73	34	48	08	51	08	15	20	47	58	23	49	37	16	89
295	90	14	48	04	75	78	35	61	83	51	40	25	70	20	53	34	30	56	29	50
296	55	66	86	18	71	41	76	41	86	37	69	58	23	11	95	81	30	71	64	93
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298	83	31	21	84	51	05	39	69	11	12	62	39	83	50	68	34	99	79	54	09
299	43	79	95	52	36	43	35	02	96	66	71	62	14	69	90	94	18	01	59	23
300	74	86	87	32	78	35	42	99	65	50	95	43	62	52	13	90	89	74	35	80

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302	50	40	75	74	69	68	17	83	82	74	16	18	94	00	43	51	79	06	36	75
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304	51	63	20	35	58	67	86	21	03	82	01	07	07	25	28	58	42	18	50	28
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306	44	46	69	47	57	57	68	16	82	86	50	57	45	90	17	18	59	04	97	91
307	76	10	50	56	49	01	35	10	33	59	11	71	94	13	24	45	67	02	87	64
308	61	13	10	27	71	53	11	93	26	72	14	84	38	27	23	02	87	23	00	45
309	45	98	71	24	35	92	65	60	16	30	76	53	77	10	46	81	85	18	18	43
310	02	72	06	72	01	36	19	80	08	69	14	72	70	68	43	20	41	41	32	36
311	68	87	93	86	40	98	40	75	37	23	77	50	17	11	33	60	28	39	96	88
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313	51	31	37	14	80	64	78	30	04	88	64	89	45	20	52	75	60	33	56	54
314	14	00	08	45	29	01	39	03	94	21	50	63	88	27	34	51	61	76	94	45
315	18	96	91	77	60	41	98	24	87	21	84	59	51	38	72	78	25	69	39	41
316	63	77	98	11	35	65	39	39	60	95	89	39	51	71	64	66	27	09	29	44
317	28	47	44	95	00	02	05	66	72	06	40	43	63	59	51	40	08	86	98	03
318	54	07	80	10	50	75	00	19	92	01	81	35	57	47	20	02	61	50	10	69
319	52	04	73	07	77	94	06	10	80	12	41	95	29	91	23	70	49	09	19	70
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321	48	33	28	51	64	19	50	41	41	14	87	68	93	83	61	94	77	51	93	20
322	50	07	91	43	82	14	69	11	01	95	20	75	41	61	58	64	44	15	37	99
323	58	64	93	10	30	86	61	79	06	37	34	00	13	08	98	38	81	69	45	90
324	99	41	63	65	34	60	85	44	24	88	03	62	81	55	15	89	94	69	18	35
325	52	18	80	15	53	91	98	06	09	95	63	50	64	32	31	14	58	24	51	92

Table of Random Numbers 14

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328	33	51	39	91	82	64	51	01	56	53	84	46	39	76	04	35	31	63	63	19
339	16	74	01	14	60	69	17	61	43	65	79	57	94	48	19	26	06	24	42	90
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331	23	97	40	94	05	88	84	75	57	36	30	64	46	40	14	22	46	95	39	02
332	33	64	59	11	81	46	64	63	21	40	85	74	20	02	42	74	64	98	51	31
333	50	97	36	02	61	80	81	61	54	62	16	10	21	40	08	41	45	11	79	61
334	57	09	16	60	90	32	24	07	49	93	02	23	74	57	83	25	52	99	20	22
335	54	80	01	40	26	38	57	84	26	49	46	74	73	83	74	64	69	20	68	28
336	77	12	44	61	92	41	70	22	99	69	06	40	76	62	27	76	20	26	33	04
337	04	17	28	38	96	75	10	45	39	20	50	06	45	43	11	12	07	41	98	49
338	89	62	45	67	13	63	25	58	04	69	46	96	56	76	10	48	78	98	07	48
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340	88	03	26	01	96	38	32	12	66	89	20	15	24	58	33	66	39	33	06	89
341	06	09	86	96	49	35	97	23	73	62	55	92	27	12	73	57	92	77	53	40
342	79	28	72	84	17	51	10	93	03	70	70	83	98	87	75	14	44	66	32	91
343	66	12	22	68	54	27	76	62	56	77	30	34	00	36	77	64	37	58	83	84
344	29	86	48	11	02	36	45	57	96	62	90	83	42	37	40	85	29	97	06	17
345	40	71	18	53	91	62	63	11	20	40	46	57	89	25	90	49	67	97	22	19
346	71	56	73	71	97	08	10	26	88	96	00	80	14	75	21	57	69	48	94	75
347	53	25	51	64	52	56	58	73	96	00	45	01	77	45	04	19	37	66	30	25
348	45	93	51	24	54	48	63	13	70	06	38	42	28	70	30	67	12	87	13	27
349	21	65	61	40	41	12	58	11	10	24	03	59	58	26	22	81	95	79	86	23
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355	35	92	13	45	89	85	86	91	31	55	22	18	53	94	48	70	89	92	61	00
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357	34	93	83	63	80	85	44	80	19	19	84	16	45	11	92	86	95	85	68	68
358	62	07	34	39	89	50	41	42	59	05	30	85	10	03	76	86	19	87	51	85
359	50	52	68	41	95	39	21	62	80	65	59	30	90	67	94	11	78	30	89	11
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373	23	06	27	18	53	38	01	52	12	94	32	26	72	40	76	49	84	28	31	51
374	31	25	14	65	08	21	32	51	79	14	80	54	20	73	13	07	40	98	18	67
375	78	71	44	76	33	82	58	14	74	72	95	26	08	03	14	84	35	39	94	98

376	26	94	19	07	39	89	87	30	11	69	59	21	30	03	72	46	04	48	04	53
377	20	08	78	78	42	50	07	04	76	11	62	65	64	68	06	57	68	77	36	84
378	89	72	71	18	82	58	65	07	56	81	04	75	08	10	88	49	45	70	34	68
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382	85	75	28	64	85	87	13	43	71	15	10	05	23	19	06	27	14	54	75	63
383	11	00	07	60	48	70	23	03	30	46	21	89	81	44	17	96	32	94	90	30
384	12	89	59	90	42	31	97	66	84	03	53	79	93	65	49	20	22	00	01	23
385	52	82	09	89	75	99	07	98	07	66	49	60	62	75	81	36	18	90	79	13
386	65	69	38	09	83	58	30	08	18	29	19	71	45	10	82	78	02	01	67	25
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388	69	99	89	67	55	49	68	23	98	16	64	34	68	65	43	84	01	37	55	52
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395	70	63	63	86	33	98	65	93	71	32	96	70	27	60	67	75	16	05	24	94
396	67	29	46	90	08	20	92	97	30	29	87	94	87	11	74	93	62	05	98	37
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399	52	77	82	94	56	83	65	08	18	63	14	14	77	75	81	35	37	47	46	19
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401	53	23	07	47	01	68	43	55	86	61	73	31	63	81	82	34	60	65	19	69
402	75	47	78	45	30	25	72	62	90	38	96	09	26	36	18	59	25	70	06	47
403	05	10	63	58	17	44	12	46	32	14	61	43	73	45	13	08	46	31	62	58
404	87	63	63	21	96	34	58	40	00	72	04	70	77	38	88	99	40	83	54	64
405	37	06	08	40	13	60	78	55	74	60	28	75	07	14	11	21	48	31	01	75
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410	48	69	94	99	49	21	57	06	59	37	80	75	75	95	62	07	06	56	76	35
411	78	97	05	67	91	18	58	85	52	46	45	96	43	75	93	38	78	09	63	05
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413	50	26	68	53	31	76	83	16	04	28	00	05	81	21	00	31	61	23	97	13
414	82	02	07	26	37	70	11	56	35	44	71	31	01	02	27	61	05	02	51	67
415	06	89	54	55	92	03	07	38	98	25	63	66	41	73	24	49	53	81	88	47
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417	42	95	16	35	37	42	30	69	58	42	30	13	62	12	36	42	29	39	85	25
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421	22	37	55	65	10	99	20	91	53	43	23	41	01	99	82	66	41	14	64	44
422	23	73	40	40	05	20	40	05	94	11	54	96	58	92	03	44	23	97	95	89
423	48	53	40	72	39	20	72	21	37	13	52	28	83	79	16	38	67	27	35	53
424	23	59	65	96	03	96	27	32	02	00	03	35	02	97	30	69	28	73	11	50
425	25	54	18	16	43	74	33	49	67	96	75	28	56	89	95	69	46	92	30	31

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427	50	82	35	97	05	67	51	22	58	98	17	86	03	20	97	75	07	54	53	68
428	47	89	95	96	92	00	66	86	46	41	53	78	25	91	71	70	36	92	19	59
429	47	78	49	91	32	61	31	91	93	62	36	79	87	68	73	68	93	53	04	10
430	37	12	81	89	30	01	72	70	78	47	20	18	97	97	15	36	97	80	56	44
431	93	12	64	68	62	58	85	42	36	55	75	95	73	80	74	91	01	99	63	85
432	89	38	27	95	83	26	43	63	03	00	99	82	33	53	74	72	49	50	73	43
433	11	10	56	24	62	33	62	64	66	60	31	41	19	25	73	88	70	83	59	59
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436	01	63	18	20	85	88	43	86	38	38	89	24	15	20	14	27	70	74	58	73
437	52	68	72	00	94	29	04	52	96	17	90	14	84	09	80	93	73	02	43	56
438	58	78	76	92	97	66	87	32	35	03	90	04	92	08	40	57	37	25	95	39
439	19	42	98	40	62	91	61	20	85	21	87	71	48	82	42	68	57	91	56	61
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441	78	46	29	03	68	43	66	42	65	20	94	64	45	45	07	93	66	23	53	84
442	02	52	40	53	19	31	75	30	02	17	38	66	35	18	99	79	68	18	01	93
443	05	53	53	57	71	36	29	48	18	64	20	67	81	42	99	64	73	79	98	66
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445	42	36	38	59	68	92	60	21	38	08	12	05	47	14	95	59	01	68	52	68
446	14	24	56	00	49	51	47	66	71	35	30	37	74	84	26	19	12	54	10	82
447	24	19	86	95	32	32	32	43	24	15	04	87	11	21	85	55	11	40	60	29
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449	64	05	55	00	46	18	63	94	40	19	74	97	72	51	87	99	82	85	49	63
450	97	64	92	01	80	65	74	49	10	63	19	52	14	02	71	61	18	13	20	03

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454	44	32	23	56	01	11	29	15	66	56	69	71	23	59	28	32	90	36	54	42
455	15	86	52	84	90	45	72	91	34	47	61	77	72	35	16	59	01	61	42	37
456	66	93	85	01	09	97	70	32	15	57	28	23	95	31	86	06	69	65	21	76
457	44	22	57	31	82	19	72	17	35	56	84	45	34	19	80	76	97	72	08	11
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460	84	62	72	28	12	46	44	42	72	08	35	99	90	97	07	87	61	31	35	78
461	28	05	53	55	90	28	91	38	70	93	21	55	83	94	19	28	57	03	62	27
462	25	94	98	15	03	91	43	23	02	10	00	99	17	84	16	53	29	11	60	46
463	74	74	90	41	87	88	64	02	00	11	59	02	18	17	13	51	86	95	60	72
464	55	63	42	99	49	02	62	82	35	00	90	93	84	86	85	06	29	93	88	84
465	31	81	94	04	15	57	63	34	24	65	75	60	69	96	12	20	97	58	49	53
466	84	75	06	25	86	50	89	28	88	95	87	20	93	93	44	42	89	98	51	67
467	48	30	04	25	03	76	86	96	07	78	34	44	21	27	35	15	92	14	42	16
468	58	88	67	22	08	41	37	95	75	33	24	09	47	76	65	95	18	09	66	66
469	64	24	13	05	20	31	64	53	69	58	55	31	75	66	85	02	70	61	51	04
470	14	51	98	63	83	19	45	48	90	96	13	55	35	53	68	86	29	42	46	74
471	03	16	12	11	91	86	22	67	83	64	06	96	60	95	90	66	79	30	16	26
472	86	27	25	68	93	73	85	81	14	75	79	42	00	15	93	77	13	23	63	15
473	01	99	30	50	47	73	50	07	55	14	49	65	72	24	81	74	93	65	28	58
474	82	58	04	53	45	87	66	42	63	47	19	83	94	26	02	42	33	63	96	97
475	96	50	61	45	19	12	86	32	92	62	06	13	36	57	51	03	47	13	02	47

Table of Ramdom Numbers 20

476	46	83	36	38	60	33	10	32	98	95	27	58	39	36	22	80	66	71	05	99
477	00	29	94	28	27	97	02	01	12	62	60	55	28	14	40	68	73	05	92	88
478	62	98	08	01	44	31	96	00	21	10	03	48	02	11	42	44	85	24	16	72
479	45	42	60	89	79	67	35	12	50	50	01	08	62	70	36	98	71	01	22	21
480	06	60	22	96	22	11	44	91	37	63	90	33	14	67	82	09	27	83	40	55
481	05	12	59	62	78	70	97	04	86	33	03	21	85	43	40	84	95	55	34	30
482	59	89	29	00	71	87	01	78	18	83	41	35	84	00	22	57	94	99	01	74
483	02	01	14	08	02	88	50	07	13	39	11	61	42	57	23	68	86	37	12	01
484	86	59	28	63	76	42	02	34	26	09	94	70	86	15	97	10	73	77	38	67
485	49	26	35	32	28	17	54	21	22	13	94	82	71	25	24	69	27	52	26	63
486	67	21	09	84	49	69	65	11	54	84	24	82	75	78	41	01	44	10	27	15
487	56	09	00	85	98	81	90	99	50	65	07	32	38	35	04	46	87	39	82	58
488	69	74	75	38	26	53	44	47	81	07	40	36	47	05	30	72	38	65	53	79
489	17	52	53	24	27	79	47	05	84	09	77	93	62	92	41	41	68	37	84	70
490	64	14	84	20	60	03	02	35	79	03	44	89	99	74	18	77	98	56	36	34
491	52	13	34	57	38	42	67	63	11	33	53	02	05	98	88	60	41	31	08	74
492	25	40	38	16	73	66	24	93	51	42	43	32	44	95	45	56	65	38	68	71
493	51	85	53	68	38	49	36	26	16	18	51	30	70	95	95	58	16	86	40	19
494	42	54	42	32	57	44	73	37	18	25	30	42	97	85	49	20	56	56	85	63
495	49	61	13	12	76	68	07	78	46	42	90	11	51	50	60	72	83	51	85	66
496	44	26	17	20	07	03	42	16	49	85	24	23	39	56	19	22	13	37	43	34
497	98	27	72	78	23	43	43	97	66	86	97	75	43	27	91	64	83	10	34	23
498	87	90	88	23	51	55	26	24	42	02	09	21	16	62	61	32	61	46	71	89
499	85	41	26	03	74	33	22	41	77	99	85	39	92	03	62	27	36	04	98	32
500	44	24	84	59	98	24	64	81	57	17	56	67	33	23	98	06	48	24	21	66

501	02	90	04	09	27	04	55	87	35	25	74	68	25	17	34	54	62	87	19	56
502	23	79	10	82	38	05	39	51	56	86	74	14	32	53	79	80	75	51	23	17
503	48	99	21	38	87	30	76	75	38	62	83	80	39	61	85	27	77	81	92	98
504	02	10	70	07	94	53	70	44	89	90	17	29	17	31	00	98	64	10	28	44
505	26	79	79	00	01	09	21	14	30	40	90	85	68	45	32	76	32	91	86	66
506	93	29	77	89	71	59	63	42	02	35	66	47	93	17	08	78	74	39	20	12
507	70	31	58	93	48	06	47	87	01	71	49	57	23	13	46	40	06	93	31	87
508	71	12	17	49	48	96	10	25	26	99	87	50	13	00	99	34	02	50	49	86
509	36	93	48	00	26	71	40	96	82	09	14	29	38	51	35	97	13	48	39	55
510	01	83	60	74	15	20	62	76	38	92	43	24	22	63	75	92	59	38	73	85
511	50	79	31	53	39	13	73	17	04	57	52	15	84	27	08	22	23	81	07	32
512	13	05	24	08	18	76	37	39	97	00	82	22	41	53	55	21	81	86	45	29
513	93	23	52	16	64	26	35	77	54	25	21	96	96	44	40	18	33	09	87	09
514	88	99	31	24	74	11	29	73	52	95	41	20	96	70	49	05	95	66	89	56
515	14	42	74	84	94	62	01	22	03	26	08	36	24	42	21	11	45	69	20	52
516	64	48	76	32	38	64	54	16	08	88	72	43	07	31	41	72	70	78	72	47
517	34	41	83	23	02	58	96	08	54	23	16	25	88	01	20	29	32	40	07	44
518	02	37	31	92	59	78	69	54	23	76	00	60	66	35	15	37	62	38	72	36
519	41	16	06	47	89	72	76	90	78	90	10	55	78	53	54	21	04	81	15	04
520	74	79	34	51	64	45	02	17	51	90	32	77	65	64	41	23	56	54	49	13
521	49	39	38	21	78	59	07	07	05	15	04	37	39	01	28	89	41	30	29	51
522	40	09	56	70	61	10	41	15	58	07	79	02	87	91	99	13	60	33	73	99
523	50	32	94	53	65	85	88	01	39	34	53	22	85	89	11	47	14	16	19	69
524	44	42	94	02	55	93	62	05	28	03	54	97	29	54	30	99	47	33	09	43
525	59	10	84	41	70	02	29	75	59	14	14	02	50	44	35	06	42	37	70	91

526	47 23	36 13	07 97	75 99	41 56	54 95	50 82	20 44	15 53	05 81
527	21 66	01 25	89 08	99 44	87 86	57 64	88 16	94 49	79 75	22 49
528	57 81	48 98	51 30	24 37	21 26	95 03	78 03	73 53	96 58	50 91
529	65 90	40 11	46 33	48 24	55 39	53 14	06 81	98 85	31 58	34 98
530	90 78	87 10	11 61	18 03	62 22	36 87	87 56	76 37	18 33	71 91
531	29 35	75 97	60 04	80 87	29 49	49 14	90 42	70 45	01 86	88 08
532	93 30	04 24	75 86	38 06	65 10	41 53	39 81	74 53	12 58	16 66
533	65 08	26 62	98 60	33 65	83 83	89 01	93 39	96 78	19 64	35 65
534	38 44	08 45	43 06	31 83	50 71	91 16	95 81	92 08	32 74	93 22
535	78 53	35 49	96 91	71 66	93 82	73 13	33 87	65 03	77 22	43 95
536	47 31	30 93	78 14	93 58	75 50	52 87	85 17	31 59	50 21	97 78
537	88 64	46 45	14 31	57 15	45 25	34 77	99 33	80 12	26 16	01 79
538	00 75	71 98	02 89	46 00	82 33	77 57	09 82	57 94	62 68	31 19
539	34 76	38 13	66 74	33 93	09 22	93 53	60 80	18 37	30 24	49 24
540	71 02	86 23	53 31	68 99	16 59	16 70	08 49	63 37	61 32	52 06
541	66 80	64 51	66 04	57 36	52 92	06 68	27 91	77 66	70 09	65 80
542	95 26	64 51	63 98	06 85	39 90	95 70	79 86	19 84	24 28	74 07
543	10 18	73 46	52 72	91 53	97 98	84 27	72 56	30 01	28 10	74 64
544	05 61	78 47	50 61	29 92	50 48	07 21	85 68	49 97	53 33	65 46
545	38 40	63 17	49 14	82 55	55 52	63 72	75 93	98 07	37 55	41 86
546	71 01	45 50	17 65	83 17	01 68	38 39	09 49	37 54	37 09	29 10
547	73 20	03 39	69 60	13 40	84 34	24 33	88 29	57 93	51 66	17 61
548	83 55	39 19	74 18	03 84	79 44	09 69	50 26	52 64	57 52	63 38
549	52 81	86 24	34 66	77 92	10 11	84 20	23 96	39 93	48 49	93 47
550	64 23	25 95	06 81	85 62	06 26	15 77	38 04	91 65	95 28	73 80

551	46	81	92	90	21	52	29	89	25	88	38	38	88	02	04	14	36	15	81	49
552	39	88	73	33	08	55	92	40	27	68	57	27	45	04	74	54	62	09	20	82
553	58	66	32	19	67	03	34	09	75	66	82	70	28	97	16	42	25	74	72	61
554	64	70	91	19	24	83	92	27	71	62	87	20	74	54	50	76	86	38	71	30
555	52	83	44	96	33	67	58	82	80	58	88	82	38	16	27	75	89	01	49	92
556	76	29	01	12	47	29	47	29	02	77	13	44	61	95	43	09	83	63	69	41
557	64	10	71	79	04	12	55	54	31	48	48	78	75	26	22	99	27	11	59	39
558	95	19	79	22	85	77	92	61	45	38	51	95	55	25	50	67	62	06	64	01
559	71	05	27	40	95	01	05	26	62	32	80	89	90	00	98	45	44	54	55	26
560	08	06	61	19	44	88	17	13	61	25	32	42	20	21	04	11	84	08	51	99
561	22	89	25	33	24	48	71	89	32	50	10	86	77	33	86	14	21	54	60	02
562	66	00	35	95	99	83	90	95	68	28	88	31	93	03	64	56	61	88	22	95
563	55	72	79	77	41	08	70	67	79	12	13	72	37	27	43	49	70	51	69	99
564	59	91	25	16	77	56	33	16	55	07	32	81	53	56	56	37	31	38	82	26
565	38	48	13	55	49	26	20	47	70	02	67	40	23	88	53	48	21	65	55	61
566	45	71	13	36	31	79	64	60	87	36	96	26	20	24	21	79	01	67	18	57
567	95	38	68	75	40	64	22	79	96	01	29	36	47	65	83	31	09	75	01	69
568	46	58	12	17	13	88	98	19	78	65	43	40	24	63	36	86	31	87	20	57
569	91	61	27	70	06	67	31	07	36	85	70	14	76	73	18	16	16	95	83	12
570	07	58	35	57	38	38	33	16	80	04	25	28	46	26	61	41	82	04	28	64
571	12	01	20	53	02	42	40	46	87	79	10	05	09	15	37	29	92	08	30	16
572	10	14	44	21	98	62	72	05	74	52	37	50	93	67	91	42	53	29	84	99
573	97	96	07	01	16	04	21	43	60	31	73	04	53	81	54	16	54	63	05	53
574	36	27	08	03	80	49	33	81	53	12	00	48	58	74	00	07	90	20	04	88
575	34	71	35	99	10	02	07	91	54	85	47	88	47	45	38	80	23	52	25	16

Table of Random Numbers 24

576	59	90	35	49	70	73	30	41	48	42	97	85	49	80	82	80	63	49	43	06
577	50	37	24	83	82	13	61	70	65	12	76	15	62	21	17	37	27	38	22	13
578	37	73	84	94	76	67	07	04	89	57	63	00	29	58	36	23	57	27	39	23
579	02	65	49	88	75	51	15	05	45	17	14	09	79	76	09	71	58	91	09	60
580	67	28	09	10	77	40	07	54	86	75	24	98	48	74	77	18	48	14	15	60
581	34	17	41	85	55	59	39	11	52	67	86	88	89	58	70	49	60	39	93	03
582	17	90	76	84	51	33	65	70	24	58	21	27	51	33	47	01	38	57	88	23
583	95	96	34	72	35	69	35	22	50	66	14	85	02	35	08	78	80	04	25	27
584	64	35	57	52	27	28	01	56	10	89	22	26	41	19	00	04	94	47	63	35
585	51	75	18	86	72	34	03	67	04	64	78	25	35	23	76	23	25	65	74	91
586	33	51	15	41	21	95	29	61	61	34	00	44	20	80	87	52	42	20	55	99
587	36	63	89	60	30	25	00	54	29	86	49	69	88	06	61	81	04	01	18	44
588	52	41	86	50	24	07	46	26	27	06	43	48	81	45	19	71	34	50	46	63
589	78	78	10	57	35	90	08	69	43	77	05	84	30	09	08	92	03	25	75	92
590	50	31	60	66	52	81	23	12	04	04	62	91	78	34	93	31	71	36	76	02
591	48	23	08	20	04	52	43	75	66	95	73	71	55	56	56	96	49	99	43	22
592	96	53	34	47	01	10	77	63	46	80	67	35	39	65	25	50	32	91	61	26
593	59	18	53	09	10	51	44	55	52	99	03	99	57	14	95	24	76	93	56	58
594	04	07	03	73	96	39	44	69	02	22	45	63	33	11	16	14	28	45	65	48
595	98	37	65	98	62	98	18	47	97	25	97	23	37	15	02	35	80	13	67	82
596	84	51	14	90	49	88	41	34	77	56	92	85	90	18	83	69	72	94	31	33
597	90	00	85	89	46	95	82	23	09	41	27	88	57	78	96	23	55	67	18	02
598	78	41	79	42	71	59	48	66	95	35	99	20	54	40	89	32	66	27	51	14
599	99	80	11	47	52	87	29	44	97	54	96	78	91	16	02	52	18	10	44	93
600	79	58	87	48	66	63	85	11	93	32	28	16	45	46	43	28	53	39	77	13

601	04	93	47	77	47	79	37	01	43	91	17	45	08	13	28	31	69	29	07	67
602	95	61	13	04	16	27	26	19	52	72	15	10	80	77	65	74	86	67	46	98
603	10	51	55	96	96	18	20	76	31	32	11	68	39	38	25	74	48	60	96	34
604	38	74	09	16	85	45	46	57	55	40	26	79	52	21	26	69	04	88	33	18
605	79	61	38	49	74	71	71	55	61	19	16	55	53	90	61	92	50	10	61	08
606	24	40	88	86	11	29	93	37	05	23	28	27	10	90	72	39	97	96	40	11
607	87	93	51	12	43	52	68	80	93	34	95	65	63	27	46	68	99	84	44	05
608	75	38	15	43	68	04	47	72	15	99	12	40	54	02	11	34	55	72	82	93
609	70	35	20	68	34	94	54	71	86	01	17	36	22	75	13	28	95	29	21	04
610	01	37	29	46	22	80	79	77	48	70	14	25	11	46	73	71	75	93	52	81
611	44	90	10	53	88	72	77	92	56	90	93	22	31	07	73	27	70	83	99	66
612	97	94	96	36	06	88	47	36	99	31	47	81	79	41	46	57	38	36	37	60
613	57	51	73	70	62	15	00	88	50	71	90	70	72	33	97	50	36	24	64	73
614	77	80	46	50	64	65	33	19	12	24	83	44	97	58	24	39	85	42	72	41
615	37	61	24	37	71	95	99	26	01	01	04	83	97	50	39	69	11	88	74	32
616	82	79	04	07	29	55	28	46	92	80	44	96	56	99	26	32	29	76	72	28
617	47	04	69	31	19	85	92	96	45	50	15	15	64	06	33	24	12	64	28	56
618	65	38	03	05	56	00	26	07	75	56	98	53	55	63	57	29	59	10	37	62
619	41	33	48	93	33	67	10	72	00	92	84	66	81	01	16	86	86	59	54	48
620	23	91	02	00	34	25	98	37	62	55	96	96	75	14	66	23	22	11	35	61
621	62	41	82	36	74	83	51	50	01	25	42	69	04	83	67	62	90	74	93	02
622	71	56	43	47	15	87	52	99	94	87	47	39	56	72	81	96	23	73	49	58
623	79	12	16	89	37	70	28	14	63	93	38	47	81	63	29	08	02	76	94	11
624	93	76	72	46	45	85	36	31	30	66	08	41	61	31	21	07	52	12	73	96
625	61	81	51	00	84	57	67	42	32	80	98	89	12	16	87	72	34	63	61	85

Table of Random Numbers 26

626	77 45	19 41	12 81	88 07	67 63	12 66	18 03	55 80	80 09	44 94
627	90 61	91 01	42 48	95 89	94 81	49 07	30 05	91 61	20 91	52 61
628	95 19	75 26	38 39	91 68	59 76	56 61	91 66	86 02	45 16	82 18
629	55 10	46 16	89 07	13 48	93 71	30 75	89 50	19 66	62 81	91 93
630	38 41	27 01	39 92	29 80	53 92	95 74	29 37	92 16	45 08	94 65
631	95 49	79 27	82 53	27 50	07 12	12 32	64 93	71 34	15 59	80 38
632	34 15	65 86	46 26	92 68	36 15	88 60	90 24	43 26	58 16	03 29
633	29 51	30 52	26 47	52 76	15 67	49 81	34 14	33 34	05 64	70 53
634	39 99	57 75	08 70	11 86	51 62	82 70	20 26	55 69	80 40	89 70
635	57 05	42 91	84 86	17 67	71 69	48 72	82 40	17 67	37 89	37 69
636	56 77	66 91	76 29	18 28	25 04	77 44	47 38	14 32	63 74	03 02
637	04 55	90 26	56 49	71 16	44 84	02 12	17 41	48 17	73 43	30 67
638	77 72	64 32	45 99	89 00	48 96	14 40	71 99	36 46	58 16	05 63
639	23 86	06 99	66 40	85 55	55 21	95 79	32 72	08 69	85 59	04 82
640	93 91	93 69	60 50	38 69	83 19	74 43	76 47	29 84	60 16	88 34
641	92 06	36 30	91 62	92 35	21 45	66 79	65 13	12 52	22 75	14 86
642	22 51	24 19	29 21	13 55	17 73	01 82	14 08	37 72	64 56	94 60
643	96 03	32 03	01 05	96 61	84 40	69 43	67 80	55 55	88 22	75 45
644	34 82	62 82	92 11	79 13	36 45	67 94	02 56	68 37	53 08	29 14
645	38 81	92 21	32 03	18 64	72 35	74 62	18 35	18 38	42 08	33 41
646	66 97	27 43	39 05	82 88	37 33	09 42	86 02	09 99	78 32	75 43
647	78 19	34 18	30 33	26 70	19 03	11 08	28 42	72 88	70 58	01 60
648	31 08	51 14	30 52	78 83	07 22	93 37	07 35	56 37	42 38	38 74
649	57 61	84 35	59 71	04 31	85 51	64 55	43 72	43 09	85 13	74 43
650	47 64	22 97	42 08	59 35	32 39	82 19	78 81	93 14	23 40	64 78

651	88 66	50 30	41 96	51 15	14 37	58 40	33 33	32 22	66 90	06 67
652	01 12	40 33	74 14	11 99	47 61	46 22	79 61	82 01	79 25	29 61
653	19 97	59 86	68 92	35 91	29 26	62 00	47 43	46 17	69 26	21 56
654	85 27	71 49	57 40	96 68	31 98	98 24	52 46	80 20	83 73	42 64
655	44 71	06 27	52 66	43 29	86 64	19 18	51 43	80 56	48 04	76 81
656	45 31	11 93	07 31	28 11	27 48	55 76	66 95	01 57	49 93	21 59
657	15 57	98 06	75 10	15 16	35 68	96 83	84 68	45 71	05 19	14 93
658	73 33	25 15	03 74	32 54	90 00	74 50	24 81	54 76	55 12	77 31
659	76 05	89 84	61 08	43 60	20 33	84 07	08 62	33 06	14 91	26 41
660	81 85	71 39	03 13	17 13	80 60	52 97	81 75	40 86	02 03	81 66
661	55 86	18 98	98 42	16 42	74 36	92 81	23 60	23 15	12 49	66 01
662	50 46	34 13	95 93	92 89	21 36	02 82	25 81	70 95	50 33	15 47
663	07 74	62 27	54 65	07 67	41 98	62 09	54 78	55 63	91 08	35 67
664	64 25	93 21	57 89	95 84	86 18	72 48	83 44	09 05	12 84	75 55
665	93 60	95 09	30 30	34 89	35 86	80 12	03 04	44 33	70 83	41 81
666	22 90	40 64	66 70	11 67	77 64	68 16	71 06	78 05	66 01	09 81
667	82 24	55 21	93 88	63 18	80 51	18 28	95 41	58 52	84 53	36 86
668	46 82	28 36	49 91	33 54	87 75	15 96	71 55	02 94	65 07	53 91
669	93 74	21 01	34 70	20 99	88 97	42 07	69 16	14 37	52 01	09 08
670	20 08	07 65	68 77	43 65	43 92	67 85	19 52	26 26	31 23	88 95
671	75 54	28 45	02 49	88 19	77 81	93 98	63 96	79 63	09 24	31 53
672	93 87	07 70	29 87	28 78	53 36	15 84	51 98	45 38	37 45	17 98
673	28 23	56 62	36 36	38 89	94 42	44 02	34 78	00 15	31 58	27 73
674	77 33	82 15	06 66	10 62	14 09	32 46	85 86	16 35	78 51	54 03
675	96 01	17 34	07 68	85 53	56 45	67 52	07 42	17 47	40 42	69 88

676	24	39	81	69	23	97	91	79	34	92	54	97	62	00	15	61	26	39	30	74
677	43	11	10	59	64	04	80	13	32	17	22	88	76	91	36	78	93	67	28	58
678	88	79	44	00	68	44	43	80	86	89	15	96	17	74	74	06	65	64	72	20
679	62	52	89	54	39	09	61	16	96	75	78	55	95	36	60	56	75	33	98	59
680	61	23	59	25	55	59	05	11	35	12	44	22	48	64	64	72	99	61	15	91
681	90	16	98	30	38	31	19	83	34	14	76	02	70	89	67	43	10	26	71	82
682	95	64	23	06	29	72	07	77	83	57	41	73	50	94	76	64	97	99	11	25
683	94	16	21	95	06	58	07	49	38	00	37	25	84	42	26	87	40	88	96	90
684	76	52	10	74	20	74	89	68	43	05	75	09	40	07	60	54	59	66	70	04
685	58	02	50	10	63	85	70	22	92	54	09	11	06	88	97	31	49	26	66	81
686	03	97	58	45	55	48	63	92	52	63	86	84	59	27	59	72	08	65	73	23
687	27	09	02	46	04	46	82	41	98	21	97	41	98	41	97	84	66	50	38	74
688	59	40	78	08	61	13	61	74	63	89	40	84	04	74	74	00	48	59	93	83
689	83	83	73	19	83	31	14	42	35	42	77	58	86	16	67	38	51	72	76	47
690	18	21	52	80	09	42	20	72	42	29	34	58	10	01	34	57	46	82	59	93
691	57	65	43	30	25	36	22	39	83	19	97	59	40	88	31	42	07	91	19	08
692	45	91	29	16	75	43	43	35	83	33	28	68	27	79	45	47	11	86	33	96
693	95	79	24	94	53	35	74	34	10	14	90	13	86	52	85	57	76	83	47	83
694	44	87	22	38	42	86	95	42	87	68	01	12	38	59	44	55	89	81	89	79
695	61	86	82	92	42	01	30	96	34	64	31	98	15	34	65	76	85	47	45	31
696	59	90	15	54	26	85	07	04	35	02	26	77	47	52	80	02	14	70	86	77
697	16	28	87	25	61	94	19	68	83	72	75	67	78	71	83	62	25	27	94	05
698	55	90	65	46	78	63	23	45	64	28	80	53	70	14	28	96	02	77	51	53
699	85	06	30	99	62	07	98	16	97	24	22	38	33	86	56	38	57	21	01	90
700	60	62	61	86	72	12	79	70	43	65	06	93	65	46	18	76	85	40	55	29

701	06	76	33	94	48	60	96	00	33	64	44	98	44	06	72	61	78	27	21	60
702	79	39	05	28	10	16	56	72	77	04	87	69	71	37	72	45	55	82	01	09
703	61	87	02	23	16	67	43	34	15	61	24	18	92	61	94	90	97	05	47	08
704	89	53	18	20	00	56	56	86	03	22	82	79	86	71	58	09	04	68	06	86
705	97	82	36	85	64	95	22	77	27	46	92	96	64	33	55	61	82	13	67	71
706	21	88	38	97	62	42	79	25	44	76	53	79	67	80	23	76	15	74	61	05
707	21	45	26	03	28	83	21	54	35	74	30	16	52	59	24	17	56	26	47	76
708	69	20	37	86	17	50	69	92	06	54	76	84	21	52	15	01	95	19	62	71
709	09	16	36	18	55	29	11	90	66	35	89	88	43	12	56	45	05	83	98	47
710	19	14	46	04	67	76	32	28	37	18	33	42	16	71	42	51	00	91	19	08
711	91	81	49	79	36	35	33	44	85	88	05	65	18	19	69	86	94	33	36	34
712	15	76	28	46	97	76	79	17	73	03	75	78	37	30	20	13	49	98	20	79
713	38	15	20	75	89	87	75	91	17	45	62	48	12	14	72	64	37	34	36	20
714	90	52	50	69	11	33	97	02	12	70	07	21	68	84	18	63	69	43	70	33
715	06	67	10	59	58	19	87	29	09	26	32	85	82	09	08	32	43	96	63	06
716	00	50	04	45	86	63	33	71	45	28	06	31	08	38	74	31	04	36	61	35
717	95	81	56	19	53	01	02	09	67	63	58	55	29	98	83	28	90	77	48	16
718	07	12	46	80	32	16	99	24	75	36	29	97	35	14	88	75	86	13	66	50
719	33	19	00	17	41	04	43	52	54	38	37	18	74	93	93	86	41	70	46	29
710	85	03	09	57	42	83	84	01	30	60	09	02	91	61	10	94	96	84	25	15
721	68	11	32	44	01	03	14	41	30	97	98	44	01	52	09	10	23	12	78	53
722	91	80	84	63	32	25	81	31	30	61	85	78	16	19	76	77	57	04	65	19
723	31	95	47	59	14	44	43	54	11	00	35	43	17	95	94	25	26	55	90	83
724	47	29	59	20	10	96	93	16	43	65	70	00	62	34	81	13	19	29	74	63
725	04	96	53	58	78	79	80	78	12	65	33	95	65	48	85	88	73	11	42	42

Table of Random Numbers 30

726	99	29	49	71	44	08	16	48	27	40	95	92	57	31	18	22	14	55	63	00
727	46	24	80	49	76	77	02	75	67	73	33	02	34	31	61	02	26	46	27	95
728	78	87	38	07	22	20	74	99	02	89	70	14	33	68	27	68	69	80	72	70
729	36	38	93	09	15	54	31	89	34	14	47	60	61	11	08	65	46	00	54	29
730	23	17	60	06	44	33	77	37	93	25	12	61	77	31	36	26	82	89	69	00
731	61	22	39	85	02	77	39	30	52	55	82	74	88	58	12	42	42	62	52	10
732	92	44	91	72	15	20	14	50	34	44	63	91	24	56	78	92	12	84	36	72
733	28	58	12	20	60	59	75	71	34	14	75	66	40	88	67	33	33	69	17	85
734	93	43	83	24	17	01	21	57	50	32	29	15	09	26	51	53	92	09	80	63
735	41	62	56	52	25	98	47	07	11	05	59	27	47	54	82	67	96	36	27	59
736	62	69	59	12	21	34	48	82	81	81	62	30	91	25	64	65	25	60	32	22
737	82	65	71	27	33	07	95	19	06	36	20	61	31	30	75	58	18	77	88	83
738	14	91	24	83	60	41	88	64	19	96	68	13	19	76	47	68	74	00	52	78
739	41	25	28	79	89	11	93	21	45	22	65	16	02	86	17	69	56	28	74	82
740	44	09	71	50	29	43	91	50	14	22	67	99	47	33	42	22	55	52	10	45
741	98	37	36	76	81	50	91	65	71	15	82	43	99	95	13	45	07	54	98	63
742	38	84	09	43	87	42	48	10	00	28	21	13	41	74	40	60	35	60	38	38
743	94	49	67	13	02	95	27	59	54	74	90	56	36	35	99	25	82	25	53	80
744	23	11	16	06	22	86	12	37	05	90	88	17	82	52	96	45	09	86	23	75
745	99	67	69	26	13	98	35	05	54	46	02	61	38	00	45	06	53	29	37	50
746	89	05	81	83	54	47	96	87	78	77	78	13	64	66	63	17	54	14	78	13
747	90	83	95	29	25	48	72	91	52	71	55	81	40	01	87	16	54	04	62	32
748	91	99	30	02	30	09	28	84	52	71	52	06	61	50	52	78	47	44	11	90
749	02	70	21	28	49	24	66	34	66	85	93	73	13	33	76	18	00	54	33	80
750	13	82	32	27	92	57	16	10	87	54	02	50	21	58	03	16	52	38	85	74

751	79 54	22 30	86 52	35 72	23 86	78 26	02 87	85 78	50 32	61 84
752	76 19	11 55	10 86	83 00	66 00	71 83	55 60	20 26	39 55	61 79
753	46 68	93 73	19 35	96 53	91 54	11 15	11 88	56 75	12 05	06 85
754	23 28	77 18	64 07	21 20	94 67	39 63	11 19	31 04	69 42	54 52
755	71 38	24 27	58 92	26 92	80 01	59 10	18 72	91 97	41 47	36 97
756	96 37	53 61	29 18	87 60	16 09	23 00	64 39	02 71	23 50	87 62
757	75 50	38 66	17 04	06 18	46 03	84 82	73 08	00 13	85 44	52 15
758	66 92	73 93	72 39	62 94	63 78	52 95	97 24	85 78	66 62	34 96
759	40 83	30 93	02 15	27 12	28 83	43 81	52 17	47 69	32 98	64 26
760	15 18	53 13	37 02	92 48	51 58	64 83	02 65	85 71	85 84	79 88
761	15 79	65 89	08 35	44 55	82 18	98 38	22 13	85 52	64 41	49 26
762	42 24	24 06	63 05	12 93	12 79	14 64	20 08	93 97	69 37	76 62
763	94 94	32 75	14 79	13 62	02 15	20 25	05 75	42 48	60 40	76 53
764	90 92	90 44	00 36	42 01	15 90	35 14	90 02	78 56	27 43	20 96
765	91 36	66 68	00 35	86 79	24 15	05 37	83 61	27 50	00 88	59 34
766	16 63	08 12	66 11	49 78	06 48	10 46	07 48	72 05	62 52	84 14
767	85 38	63 58	25 54	16 23	43 30	01 24	25 84	21 26	98 58	14 43
768	45 12	39 14	65 17	82 54	53 11	33 39	06 45	96 33	85 60	92 88
769	62 34	38 07	34 15	15 43	74 88	76 73	02 91	86 56	95 62	88 12
770	43 87	37 36	66 02	40 91	34 62	54 14	46 72	04 69	11 01	40 71
771	92 60	85 46	65 39	20 09	15 86	96 83	38 86	86 11	15 39	20 42
772	90 47	89 93	86 15	00 49	16 28	92 25	63 88	48 84	39 45	14 23
773	65 92	86 22	48 43	97 84	24 53	55 46	66 67	35 97	62 20	05 59
774	04 57	48 79	90 49	99 03	45 88	60 94	24 21	90 07	45 75	24 53
775	59 82	32 52	92 78	13 29	44 33	13 06	68 44	53 10	28 14	46 81

Table of Random Numbers 32

776	62	26	51	06	64	50	37	93	64	44	07	71	57	65	27	15	08	30	70	47
777	45	14	65	21	02	37	21	18	08	13	85	01	65	05	27	24	98	92	92	88
778	01	22	75	59	45	27	01	25	06	62	74	91	24	72	87	23	10	28	46	72
779	85	69	39	28	23	10	18	42	55	41	44	78	81	08	57	18	20	33	47	56
780	09	86	61	55	03	75	94	26	32	01	71	17	53	22	41	68	69	05	54	07
781	08	38	65	87	56	04	01	42	67	44	19	95	93	02	48	27	75	17	72	07
782	65	26	04	73	06	61	32	52	63	19	74	58	64	53	51	25	45	63	78	82
783	69	20	06	99	70	32	49	24	82	44	10	48	99	68	92	79	91	68	00	44
784	58	33	35	88	69	96	94	93	45	79	56	41	38	10	96	89	89	96	85	67
785	39	21	90	18	10	42	81	99	35	57	27	43	65	22	06	46	99	85	42	22
786	85	13	87	66	72	05	62	02	69	70	93	74	86	33	45	49	46	73	01	53
787	26	54	05	04	78	47	46	90	64	43	97	69	79	74	97	97	34	73	74	33
788	21	35	99	84	92	35	04	24	56	71	68	54	07	20	12	51	96	31	17	28
789	42	12	27	34	97	94	36	41	45	51	71	67	17	84	34	80	34	05	00	63
790	61	39	32	59	01	58	42	10	80	36	92	47	17	42	36	46	96	31	27	85
791	32	08	07	79	90	47	71	68	88	58	63	54	17	63	54	20	29	69	88	01
792	38	40	62	37	21	37	49	07	91	54	25	12	57	63	86	97	78	06	92	61
793	81	29	34	51	42	79	75	80	36	50	67	40	88	04	71	59	92	79	83	57
794	83	17	56	15	56	99	28	92	85	62	53	95	45	34	87	16	82	66	55	25
795	96	53	67	48	75	36	89	21	56	48	26	37	32	56	99	90	00	33	52	43
796	17	45	50	11	63	57	31	76	38	35	14	13	12	84	12	25	16	77	72	84
797	40	87	73	40	29	33	62	01	58	79	31	50	94	23	05	56	17	81	13	63
798	44	78	59	26	52	23	48	29	78	51	62	09	05	97	54	14	57	58	94	79
799	12	47	32	62	10	55	32	92	31	59	59	24	53	02	37	94	14	69	77	43
800	80	95	72	57	00	79	77	83	72	83	64	31	77	49	28	65	29	46	08	90

801	71	39	90	23	43	37	06	57	64	67	10	66	10	14	69	37	28	27	14	81
802	72	39	41	67	76	71	39	67	87	00	62	03	37	89	58	61	74	13	59	02
803	55	99	33	56	18	17	87	88	57	85	59	41	91	72	90	49	20	96	60	03
804	86	05	24	89	30	49	33	61	74	82	85	19	30	82	25	23	38	30	74	31
805	13	52	33	73	09	28	87	97	33	30	40	81	99	84	73	17	41	16	08	25
806	34	91	62	60	17	75	55	93	62	94	13	83	45	85	03	66	49	65	61	18
807	43	77	86	51	88	55	18	43	08	55	92	52	57	60	42	83	18	63	72	91
808	33	98	18	36	34	02	29	69	04	49	98	13	44	18	89	30	28	27	48	04
809	61	21	24	12	42	20	77	35	37	22	15	95	61	56	09	97	50	94	37	60
810	02	63	17	20	49	54	17	42	21	35	28	97	98	10	36	16	71	28	94	16
811	82	09	69	98	96	36	80	35	51	32	04	44	34	93	81	69	95	50	38	00
812	72	21	70	63	35	86	38	06	74	80	41	26	07	93	64	43	01	79	17	07
813	62	53	84	33	87	40	72	72	19	79	29	16	36	13	57	23	06	52	00	59
814	75	71	90	21	90	11	36	13	09	37	97	59	06	23	42	55	91	99	46	87
815	20	90	97	59	36	93	40	37	87	68	66	08	37	79	40	84	78	49	02	88
816	41	09	05	64	80	70	75	08	74	80	38	65	93	59	78	25	87	00	55	21
817	42	20	57	38	10	61	88	18	32	76	53	94	61	93	80	78	28	41	59	01
818	28	46	30	22	95	88	34	67	31	75	09	70	60	35	28	59	90	42	33	87
819	71	00	01	55	37	41	63	31	83	43	41	74	36	78	51	96	87	59	18	04
820	16	62	44	13	18	07	53	42	58	54	67	90	21	47	13	53	99	31	80	53
821	64	71	90	01	80	37	70	28	13	91	93	21	75	54	92	14	37	40	17	71
822	82	19	03	75	56	22	21	98	51	43	14	17	28	92	03	18	02	89	33	48
823	23	52	98	45	67	13	90	76	08	47	90	54	11	43	30	27	82	76	58	81
824	59	80	92	96	09	12	68	53	99	08	37	32	97	79	12	69	40	25	64	29
825	21	35	71	97	05	17	41	96	40	71	75	95	14	71	19	40	88	16	81	90

826	55	39	77	08	45	70	50	38	34	65	23	10	88	54	06	37	68	75	43	67
827	82	42	06	52	77	49	77	37	25	72	08	34	79	97	78	74	31	36	03	37
828	89	23	14	95	39	46	77	84	69	67	85	28	92	65	94	69	36	85	51	90
829	61	24	58	14	48	10	49	68	49	40	00	08	25	01	11	17	31	07	03	20
830	32	00	35	29	44	72	24	21	17	29	82	82	72	65	14	72	69	63	89	07
831	58	82	41	30	82	53	67	57	70	12	43	75	15	82	18	71	67	50	75	80
832	07	45	87	07	95	40	08	08	11	14	83	10	85	98	12	71	84	77	07	21
833	54	75	38	59	98	32	44	27	59	20	36	13	76	02	24	95	71	81	25	65
834	16	88	88	07	25	25	67	95	84	27	05	47	37	67	99	44	77	10	16	34
835	39	13	58	63	27	67	95	79	49	43	80	33	64	98	93	80	29	21	02	13
836	20	71	51	03	87	49	64	46	79	56	40	04	03	40	55	24	16	59	71	95
837	58	89	44	32	85	32	32	11	62	39	19	27	40	75	60	86	18	42	62	78
838	15	29	35	76	38	18	95	19	73	85	19	07	84	35	67	27	84	36	79	84
839	38	36	66	42	83	04	89	96	04	11	63	60	55	02	89	67	40	02	84	39
840	74	45	94	77	79	55	40	11	28	09	56	58	05	93	73	76	64	91	83	09
841	56	71	26	05	96	66	95	14	48	16	66	52	74	34	80	98	74	66	37	14
842	43	29	94	15	05	32	79	87	07	74	69	45	11	73	11	85	10	22	86	39
843	53	89	79	03	66	14	62	95	22	45	87	12	95	75	92	10	75	62	07	70
844	43	06	44	57	36	88	22	13	74	20	30	14	37	44	61	14	85	49	37	96
845	62	31	56	05	60	87	45	30	30	03	18	62	89	41	53	30	08	33	91	30
846	71	04	79	26	24	88	38	45	03	52	54	86	03	24	18	11	34	40	93	19
847	73	08	31	04	96	77	86	80	49	24	63	35	68	49	31	03	69	09	16	01
848	82	44	59	46	82	65	11	17	86	39	56	85	29	87	85	99	21	33	56	47
849	41	72	86	31	37	70	48	18	29	63	06	64	46	75	77	23	27	85	94	80
850	05	16	89	80	07	73	30	54	60	31	91	60	98	75	20	95	83	45	72	56

851	01	04	44	25	49	17	38	46	15	36	67	34	75	60	30	79	36	96	74	31
852	57	44	65	24	83	99	29	39	95	13	01	21	17	23	42	98	41	52	67	45
853	14	39	61	14	26	67	07	97	95	55	11	76	90	17	19	63	06	85	80	60
854	83	84	08	51	28	63	28	24	30	43	66	69	52	00	73	06	44	38	22	88
855	41	65	92	74	75	07	19	40	85	36	69	32	95	05	29	12	74	05	18	79
856	00	07	63	60	28	85	35	70	21	52	10	48	97	69	49	98	18	05	04	73
857	74	27	13	37	95	09	67	60	69	36	07	57	07	01	76	01	46	97	29	49
858	03	10	26	98	16	36	75	48	13	61	57	28	35	57	75	49	46	39	97	66
859	33	99	82	73	26	05	43	25	55	44	10	67	94	25	10	26	69	65	07	80
860	70	77	52	05	00	65	60	78	13	51	91	17	86	05	59	80	61	25	17	77
861	97	05	49	25	46	67	85	65	43	62	46	44	73	95	33	98	37	30	65	31
862	04	45	88	21	77	77	23	60	38	95	97	49	06	39	01	81	25	21	77	67
863	22	87	76	93	06	27	98	13	29	67	15	27	42	50	28	22	71	03	17	30
864	19	81	55	21	65	79	10	43	14	03	91	29	18	26	25	64	80	93	91	01
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867	38	91	67	76	11	11	92	84	59	14	02	59	89	09	02	85	45	66	07	30
868	10	61	09	50	30	87	84	81	36	46	18	91	34	73	62	33	60	37	08	08
869	87	42	47	91	10	75	52	67	14	49	50	87	71	29	97	44	21	97	48	41
870	66	13	93	73	64	42	27	31	34	22	23	66	89	11	90	76	19	65	51	21
871	92	11	26	09	07	37	71	29	40	60	09	75	85	27	48	77	48	27	02	90
872	98	78	25	29	02	23	98	91	42	99	96	92	41	61	19	16	22	29	09	46
873	45	56	14	03	41	05	69	48	49	36	61	21	58	38	22	89	70	10	53	83
874	87	51	69	91	89	07	42	03	47	35	78	22	98	21	40	98	84	96	13	92
875	13	58	01	54	72	42	13	44	46	65	85	59	11	09	75	89	47	51	94	66

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876	00	35	37	41	61	65	37	46	04	42	73	44	06	67	93	29	37	21	71	33
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878	18	47	11	93	28	39	82	23	03	53	34	44	45	78	14	32	10	66	10	96
879	05	03	92	11	84	07	54	53	71	57	61	60	94	53	60	99	80	55	87	19
880	19	97	66	79	91	30	28	32	64	41	24	87	73	47	48	18	24	40	46	07
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883	67	11	40	92	82	64	82	07	04	97	21	61	82	47	39	76	03	64	16	59
884	78	14	60	91	07	56	19	22	81	35	15	14	10	78	26	31	02	94	56	93
885	82	19	62	59	40	96	02	88	92	05	49	01	05	00	89	62	94	49	11	45
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888	25	52	93	44	65	73	20	80	14	92	24	80	49	39	16	63	65	88	34	66
889	99	31	91	31	09	08	14	77	06	33	83	88	11	72	77	89	57	21	61	02
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891	81	80	92	45	87	83	05	01	28	30	14	02	06	69	41	79	53	14	79	95
892	20	07	27	09	05	49	66	81	66	72	42	07	90	88	91	91	26	97	58	52
893	35	77	95	70	61	35	57	54	74	02	26	63	88	80	92	90	40	31	29	59
894	66	53	66	57	47	79	80	17	18	17	84	61	42	16	34	91	86	65	50	63
895	86	44	81	34	18	90	81	90	59	48	22	99	58	87	46	02	73	56	64	55
896	86	53	15	16	80	90	23	04	33	84	74	99	63	29	20	58	93	90	67	00
897	57	48	24	42	74	48	02	83	02	76	01	67	02	20	68	80	83	69	08	01
898	23	04	47	88	97	96	76	71	08	84	06	69	54	02	08	17	99	83	29	10
899	06	01	20	25	93	78	04	00	35	78	28	38	15	61	69	07	48	24	96	17
900	41	26	40	29	47	50	41	87	63	07	32	44	72	99	06	25	53	74	79	28

901	50	73	20	50	03	43	91	15	61	41	86	87	23	50	84	95	11	74	62	66
902	19	68	08	85	44	12	09	47	84	78	07	90	90	56	56	63	15	29	14	63
903	84	02	87	77	84	36	73	93	86	63	19	83	39	85	38	39	25	36	57	11
904	02	21	81	11	37	97	35	26	08	03	00	41	87	05	95	98	92	04	48	68
905	27	07	30	28	46	00	26	14	16	61	28	44	85	84	66	63	99	69	84	73
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907	65	35	17	39	93	05	20	22	89	45	20	60	87	32	74	23	83	48	55	65
908	37	44	54	61	68	60	03	56	48	60	51	08	38	30	68	40	21	59	21	16
909	24	46	40	84	90	86	33	53	32	44	12	57	40	83	58	85	02	04	07	20
910	78	91	45	97	98	86	23	68	00	21	24	92	36	77	85	33	74	72	83	50
911	09	37	50	41	50	37	35	91	32	38	44	76	10	03	77	12	25	11	85	57
912	68	82	23	00	15	76	93	44	42	70	96	37	34	47	93	98	23	63	38	28
913	42	18	73	21	93	34	82	06	09	87	76	37	64	28	03	04	48	93	20	79
914	74	84	14	56	27	60	59	43	30	56	83	60	21	51	80	20	05	91	91	37
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916	28	25	03	13	65	15	79	50	94	14	00	43	38	70	68	22	41	18	39	34
917	14	38	12	45	77	88	79	32	55	04	75	01	55	20	38	23	31	15	50	79
918	31	58	39	80	33	60	10	62	63	54	58	17	97	60	29	98	33	49	69	35
919	13	66	55	79	00	31	54	03	10	99	55	26	49	79	88	36	45	23	59	87
920	35	13	18	64	09	72	38	48	66	55	98	89	88	78	45	74	53	95	24	87
921	03	00	81	02	72	21	20	91	57	55	41	02	10	43	34	19	56	28	85	73
922	64	05	75	42	71	24	96	70	91	06	01	28	39	06	53	80	60	01	71	15
923	23	22	95	39	68	80	62	07	61	85	30	63	38	29	30	15	55	88	82	95
924	40	42	53	63	39	13	93	30	05	02	12	63	84	93	44	61	45	34	84	37
925	58	21	89	59	88	84	20	49	82	34	61	91	29	34	04	72	82	84	12	94

926	93	37	95	62	38	31	54	10	46	90	01	90	31	30	93	56	79	31	78	27
927	11	42	00	47	21	82	87	69	27	93	61	20	12	88	83	88	96	49	47	88
928	26	33	77	17	68	19	92	90	69	71	99	98	23	27	01	62	59	93	67	64
929	97	59	03	75	80	77	62	07	42	59	24	08	40	27	58	10	91	10	58	00
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931	21	30	75	16	77	06	78	22	84	56	79	74	53	01	45	88	37	31	57	17
932	61	79	29	83	19	55	83	09	07	39	51	97	57	52	12	41	18	47	97	32
933	98	40	13	81	23	93	24	59	67	59	50	85	84	20	81	00	93	10	45	22
934	13	56	36	29	68	63	07	60	13	19	49	91	19	67	30	97	23	21	71	47
935	23	29	28	91	79	11	33	33	89	24	61	10	12	27	31	31	26	75	59	72
936	17	57	68	50	75	92	17	52	69	77	27	71	27	50	17	34	24	39	82	72
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939	73	53	72	54	66	42	40	51	35	16	15	87	99	28	00	19	43	28	97	00
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946	03	82	78	55	52	06	24	90	66	14	93	50	94	14	71	89	77	67	02	38
947	90	28	99	27	96	82	37	85	20	77	07	18	76	35	81	39	02	20	07	79
948	59	63	77	32	04	20	92	21	50	80	43	71	11	68	39	40	20	07	73	11
949	81	06	36	02	92	74	11	23	27	38	93	76	30	72	79	77	80	55	39	56
950	61	03	26	98	13	36	61	74	58	39	90	77	27	61	11	80	41	24	18	76

951	30	18	76	94	42	52	81	99	31	92	79	01	74	94	47	78	65	19	38	69
952	16	30	66	75	91	14	30	04	37	16	16	61	45	42	50	64	19	43	06	47
953	44	47	14	05	64	18	82	80	76	48	55	87	23	99	51	39	68	06	29	15
954	82	55	24	71	44	30	19	45	22	25	65	56	48	94	99	64	85	75	36	49
955	97	48	60	86	33	30	04	25	27	65	79	54	87	47	88	18	44	57	38	63
956	98	58	46	32	71	62	70	42	64	79	80	23	98	62	09	38	00	04	27	67
957	39	23	54	98	94	41	81	27	38	67	42	07	67	18	48	35	87	62	98	55
958	41	86	94	02	90	82	29	97	03	61	72	41	03	95	50	13	90	03	44	18
959	83	48	04	94	55	63	29	94	28	93	48	66	16	90	26	08	25	28	80	85
960	02	81	59	39	93	53	23	98	04	22	10	78	02	78	56	60	11	09	86	89
961	35	21	59	45	91	80	29	22	16	00	61	93	65	76	28	32	11	55	75	41
962	15	86	45	36	12	72	61	18	40	83	87	08	60	85	97	03	14	75	98	30
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964	72	44	90	01	35	01	97	02	46	07	17	62	70	85	73	62	89	86	91	00
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966	38	48	84	91	63	45	12	88	33	62	17	28	92	59	36	38	48	30	95	91
967	10	46	36	51	51	49	67	14	61	53	29	71	79	60	78	51	89	71	40	84
968	97	71	53	59	18	18	49	06	55	16	21	72	31	49	33	04	99	88	55	74
969	53	87	02	48	77	66	49	38	45	00	48	54	82	45	03	94	70	33	95	47
970	97	50	97	79	61	22	24	82	45	94	60	08	77	50	54	84	41	33	99	96
971	77	96	07	60	72	61	62	70	00	08	21	52	52	80	32	77	06	77	45	47
972	71	36	60	78	85	25	79	39	08	50	72	74	65	86	86	36	53	20	89	32
973	68	42	20	74	51	04	56	66	25	19	08	64	45	95	50	97	30	88	43	67
974	40	75	73	00	74	62	10	81	51	85	64	09	46	01	29	07	07	29	92	88
975	09	66	86	39	93	61	59	34	10	19	87	77	96	33	46	40	33	46	55	57

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976	28	52	42	62	70	05	16	51	83	88	51	24	32	95	45	66	26	31	39	23
977	33	34	20	00	46	30	76	30	58	11	54	70	79	50	66	65	54	03	49	91
978	72	15	32	00	86	01	60	55	16	00	84	17	19	11	25	00	60	29	83	41
979	75	86	51	28	73	27	53	17	45	09	29	02	96	37	48	04	35	05	43	35
980	97	31	68	32	72	85	67	51	13	85	07	18	69	71	27	19	40	91	20	92
981	38	18	13	44	78	93	85	55	91	83	33	44	45	15	68	13	91	77	42	68
982	20	42	50	36	30	94	47	48	82	07	51	30	64	51	80	67	04	22	57	17
983	91	94	70	13	32	95	72	06	69	45	99	42	93	03	25	68	62	80	87	39
984	55	69	82	18	04	11	27	87	35	15	24	33	23	79	15	97	25	58	85	06
985	04	09	55	82	54	09	51	80	27	59	01	93	07	96	60	26	06	23	72	28
986	21	56	95	25	84	25	60	88	61	89	32	68	33	76	99	01	33	25	87	67
987	67	02	20	35	46	58	00	64	67	96	51	63	51	89	75	45	40	88	09	05
988	53	56	96	83	69	54	84	97	74	81	36	70	10	06	96	05	43	79	27	40
989	45	28	55	20	82	90	77	78	93	06	04	04	97	03	45	76	45	13	10	07
990	55	35	07	78	55	57	65	55	90	53	99	26	06	54	17	79	27	64	73	04
991	58	58	15	29	18	07	18	65	76	09	80	19	38	25	05	51	40	83	40	30
992	87	01	21	68	96	48	93	78	60	66	78	80	79	85	11	75	41	40	01	63
993	66	06	34	95	12	27	00	31	43	27	09	98	10	08	31	83	36	06	87	67
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997	71	70	29	68	22	61	18	37	65	31	40	21	81	04	75	41	77	67	28	57
998	00	20	93	70	52	23	16	08	97	82	44	89	51	19	11	93	61	85	80	50
999	43	76	54	69	76	27	38	80	78	32	80	57	16	00	51	03	06	23	39	23
1000	00	85	37	99	91	89	54	84	07	33	52	56	16	23	96	62	61	14	22	20

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